INDEX OF SUBMITTED MEASURED DATA

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Note: Data was tested to show compliance to RSS102, RSS119, and RSS210 as applicable.

Exhibit 6A

1. RF Output Power (conducted)

The RF output power was measured with the indicated voltage and current applied into the final RF amplifying device. -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7) and 2.1033(c)(8)

APX7000 UHF2 / 7-800 MHz (Low Power Readings)

TIA RS-603, TX Output Power and TX DC Current (Nominal DC Voltage 7.5V, Primary Supply Voltage 7.5V, Temp 25°C)								
Freq. (MHz)	**Radio#1**		**Radio#2**		**Radio#3**		**Radio#4**	
	Output Power(W)	**Current (A)**	**Output Power(W)**	**Current (A)**	**Output Power(W)**	**Current (A)**	**Output Power(W)**	**Current (A)**
485.075	1.2	1.31						
764.0125	1.26	0.98						
823.9875	1.26	1						

APX7000 UHF2 / 7-800 MHz (Nominal Power Readings)

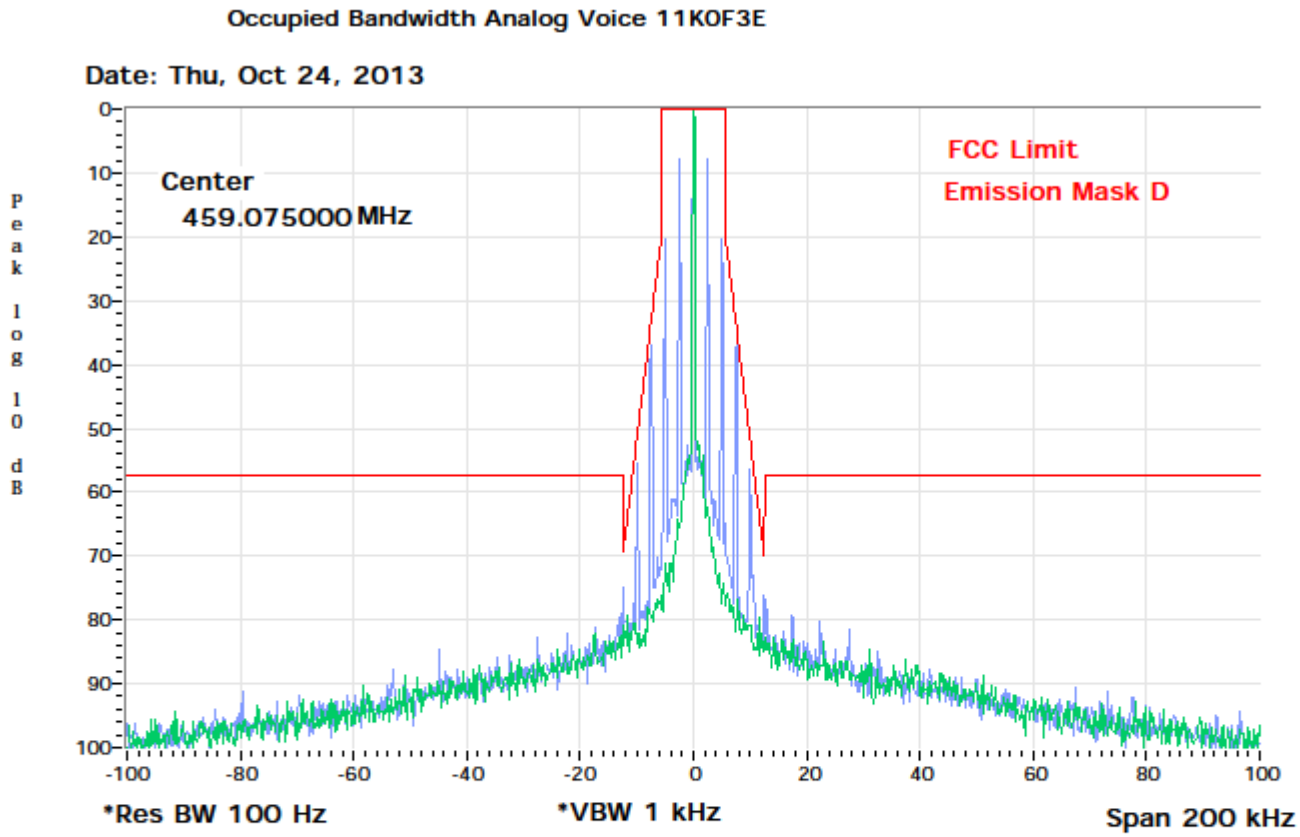
TIA RS-603, TX Output Power and TX DC Current (Nominal DC Voltage 7.5V, Primary Supply Voltage 7.5V, Temp 25°C)								
Freq. (MHz)	**Radio#1**		**Radio#2**		**Radio#3**		**Radio#4**	
	Output Power(W)	**Current (A)**	**Output Power(W)**	**Current (A)**	**Output Power(W)**	**Current (A)**	**Output Power(W)**	**Current (A)**
485.075	5.4	2.01						
764.0125	2.79	1.43						
823.9875	3.32	1.65						

Exhibit 6B

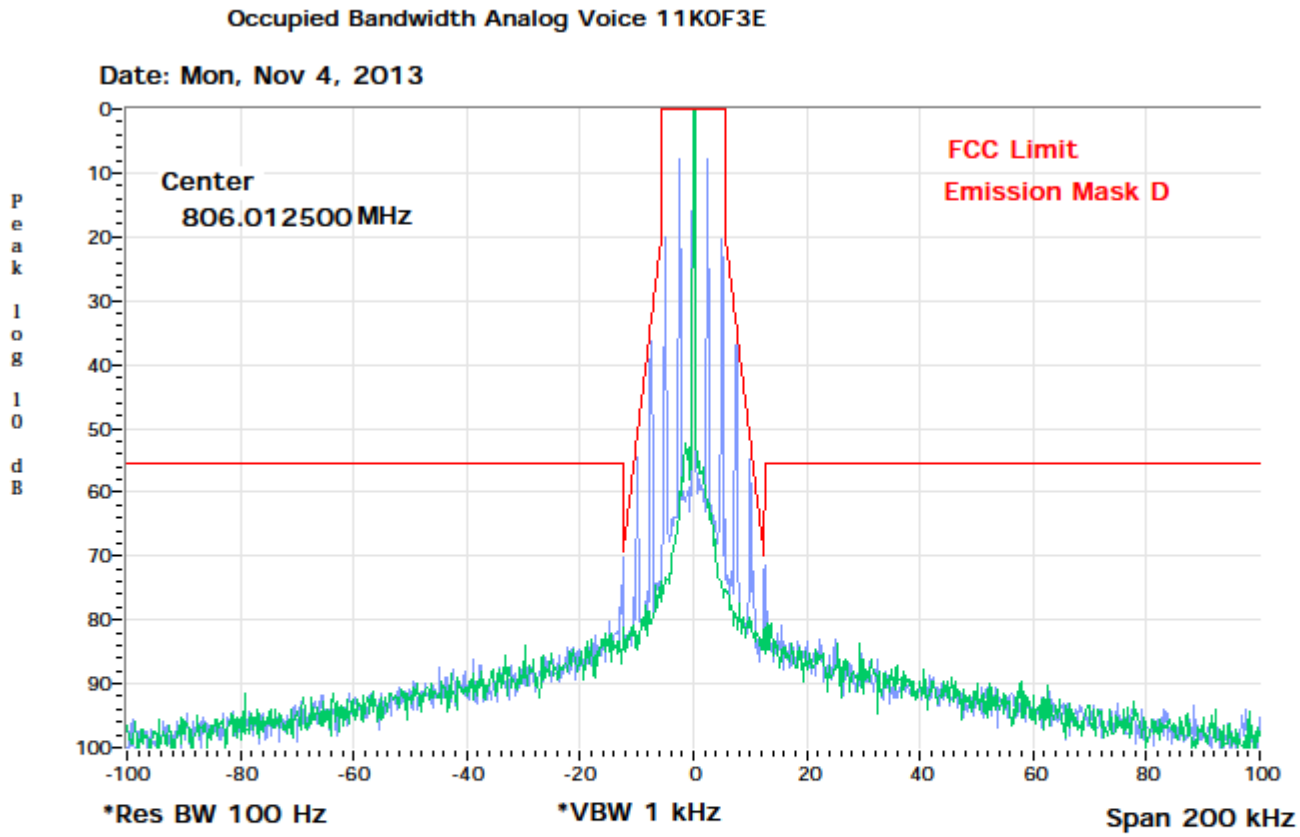
2. Occupied Bandwidth -- Pursuant 47 CFR 2.1049, 90.210

Standard Audio Modulation (12.5 kHz Channelization, Analog Voice):
Emission Designator 11K0F3E
In this case, the maximum modulating frequency is 3.0 kHz with a 2.5 kHz deviation.
BW = 2(M+D) = 2*(3.0 kHz + 2.5 kHz) = 11 kHz =➔ 11K0
F3E portion of the designator indicates voice.
Therefore, the entire designator for 12.5 kHz channelization analog voice is 11K0F3E.

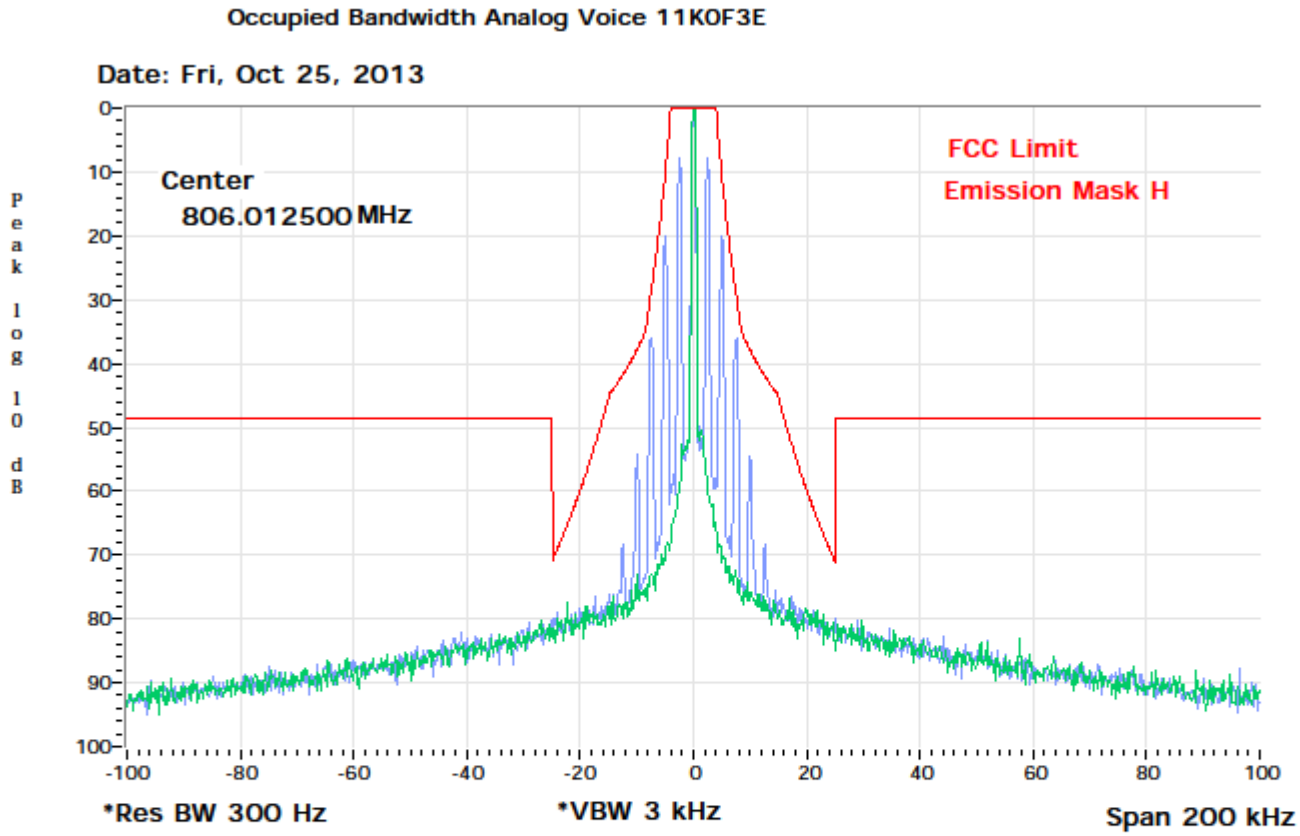
Frequency = 459.075 MHz



Frequency = 806.0125 MHz

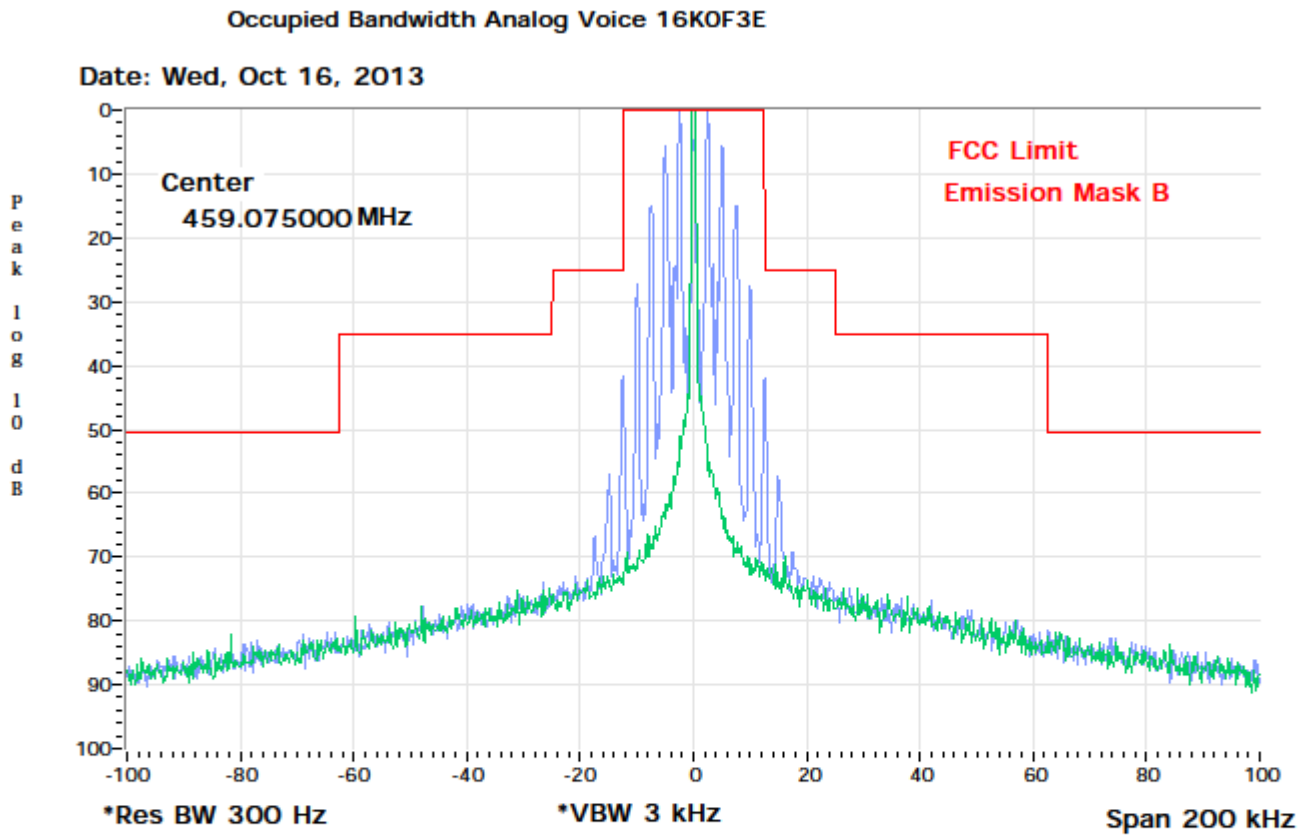


Frequency = 806.0125 MHz

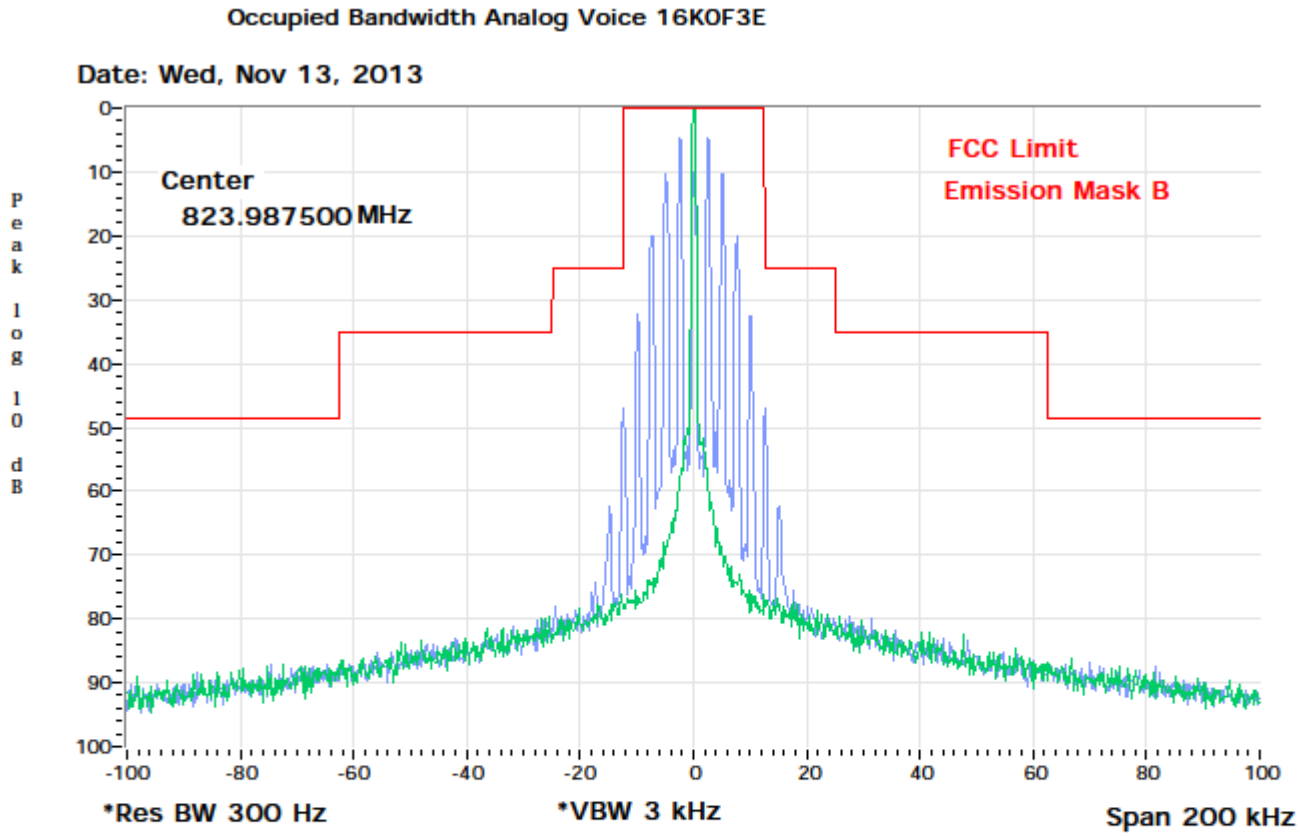


Standard Audio Modulation (25 kHz Channelization, Analog Voice):
Emission Designator 16K0F3E
In this case, the maximum modulating frequency is 3.0 kHz with a 5.0 kHz deviation.
BW = 2(M+D) = 2*(3.0 kHz + 5.0 kHz) = 16 kHz =➔ 16K0
F3E portion of the designator indicates voice.
Therefore, the entire designator for 25 kHz channelization analog voice is 16K0F3E.

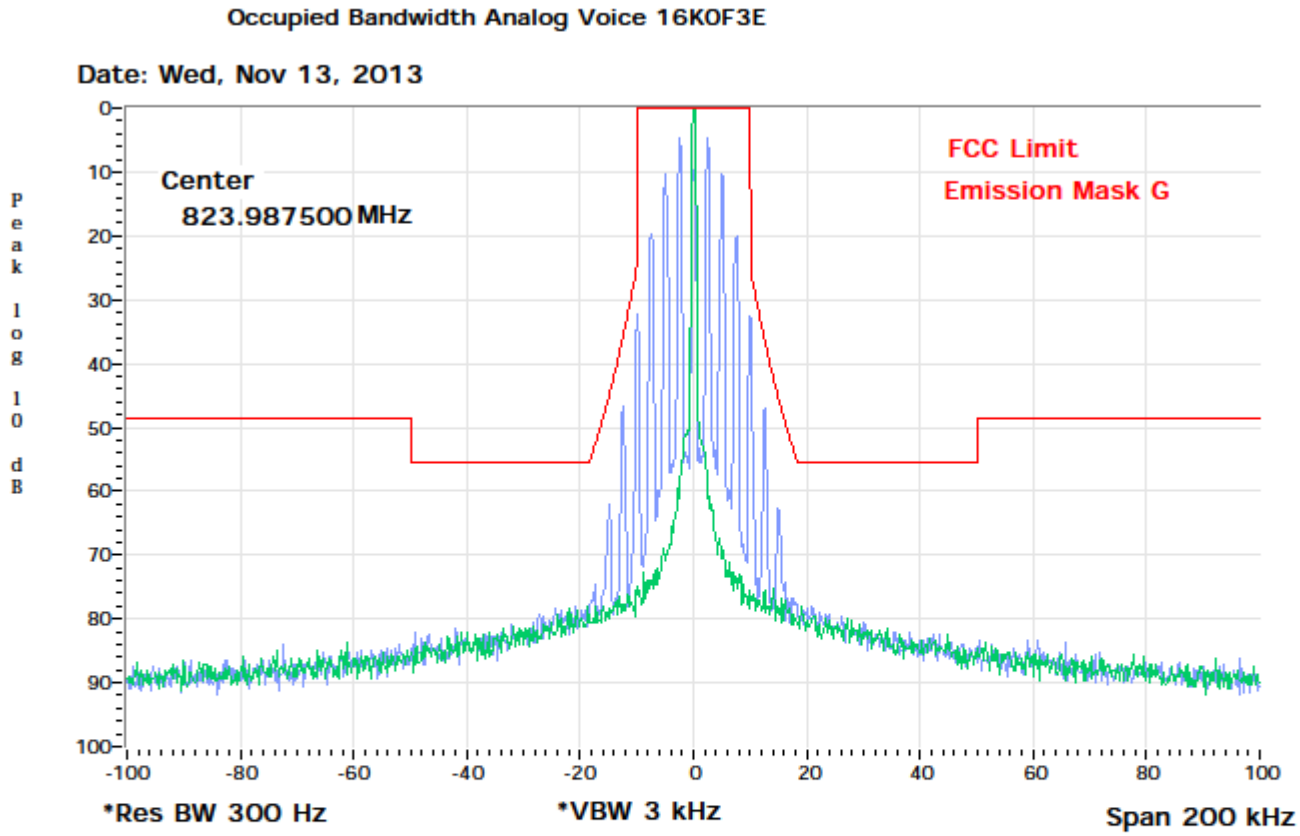
Frequency = 459.075 MHz



Frequency = 823.9875 MHz



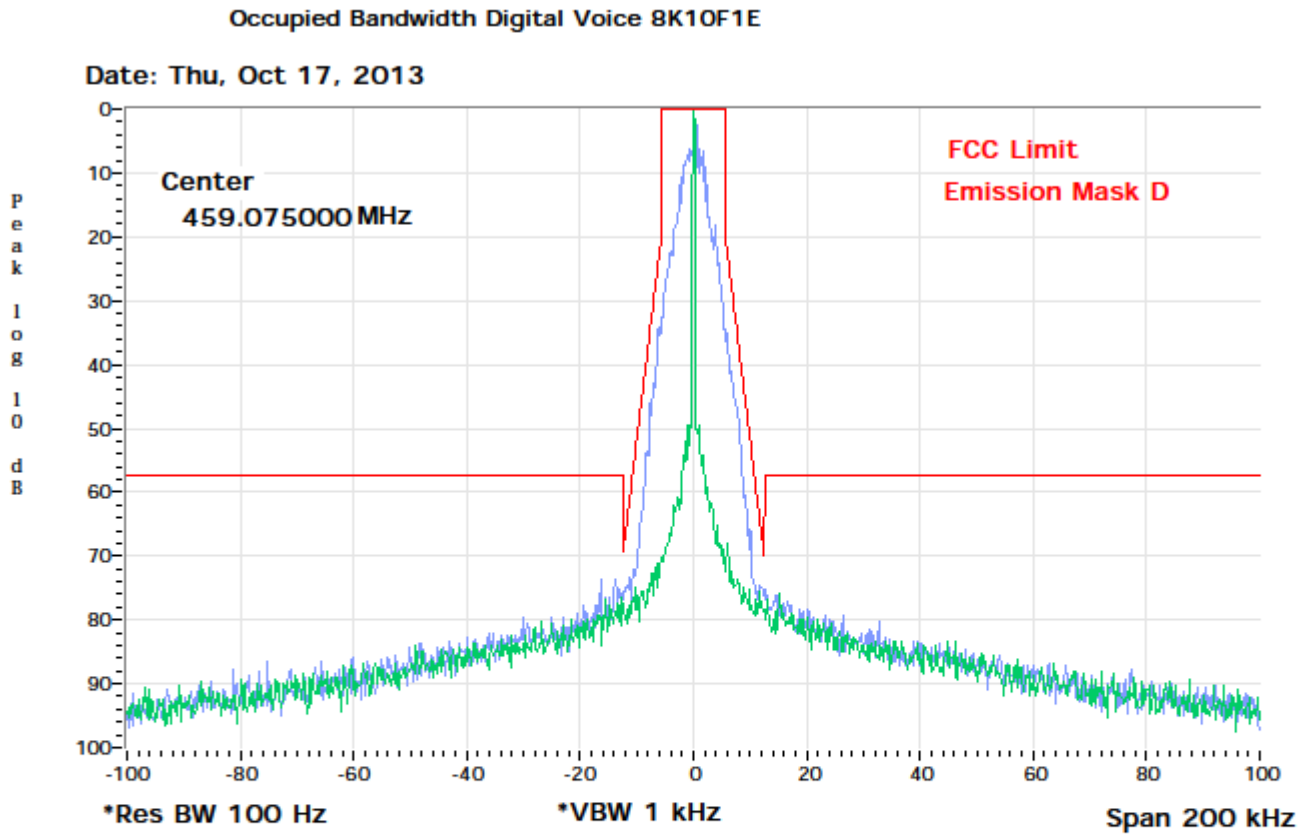
Frequency = 823.9875 MHz



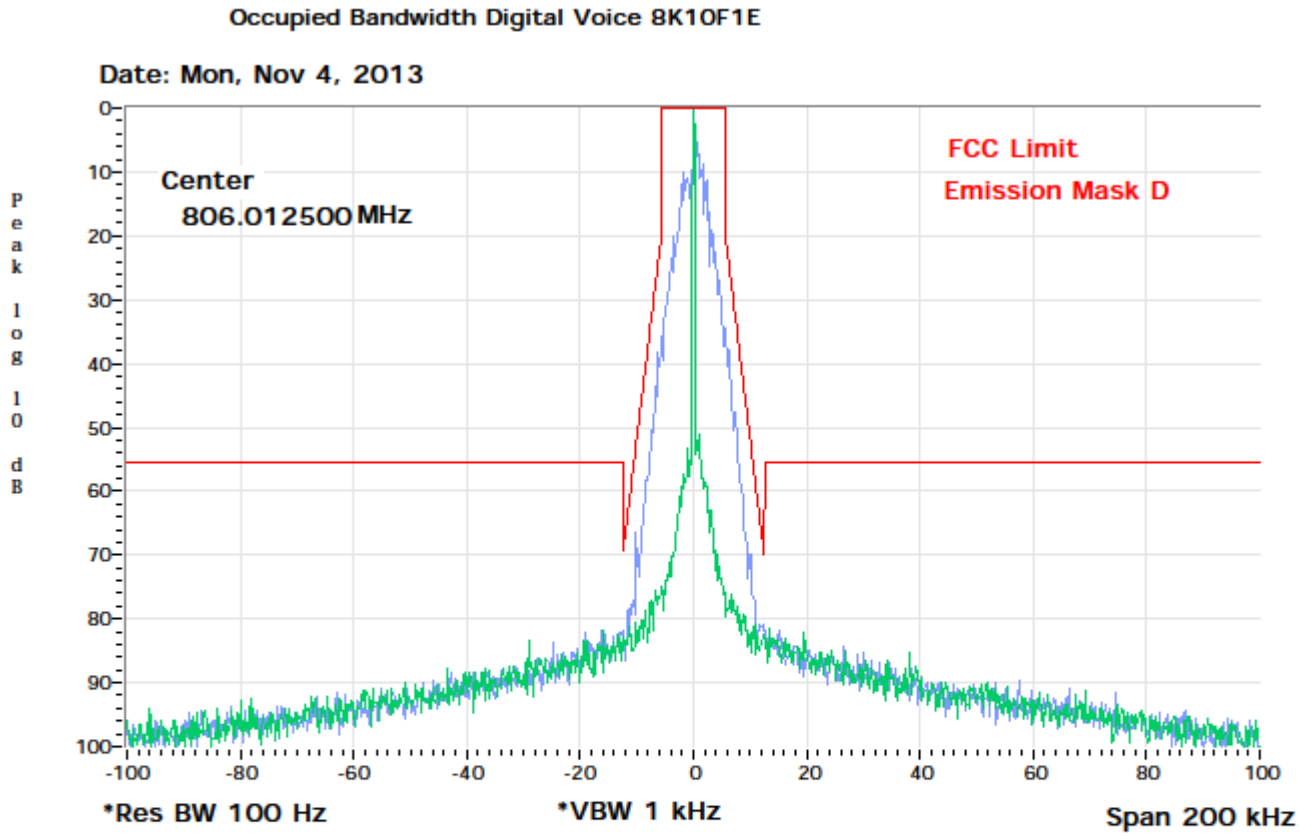
Digital APCO Mode (12.5 kHz Channelization, Digital Voice):
Emission Designator 8K10F1E

The 99% energy rule (title 47CFR 2.1049) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA102. CAAASection 2.2.5.2. The emission mask was obtained from 47CFR 90.210.
F1E portion of the designator indicates digital voice.
Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1E.

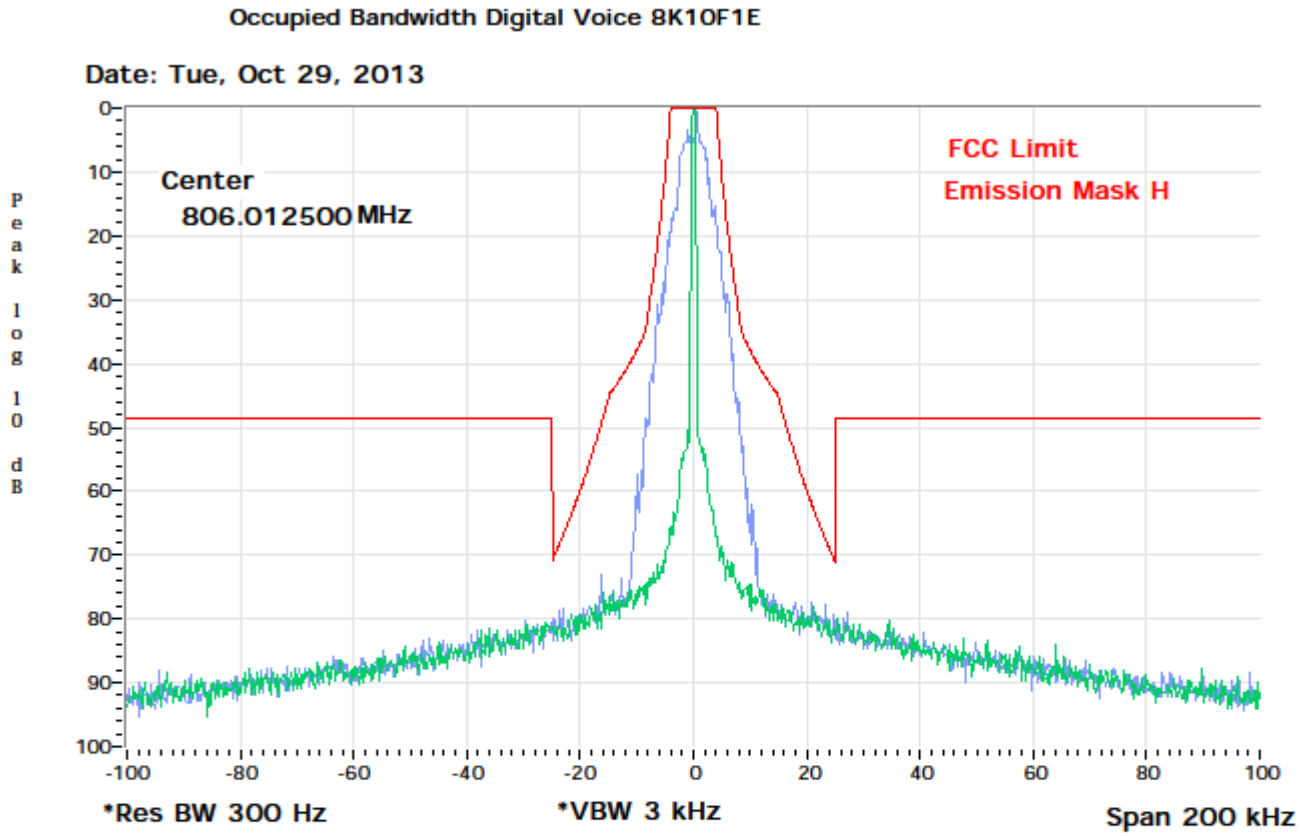
Frequency = 459.075 MHz



Frequency = 806.0125 MHz



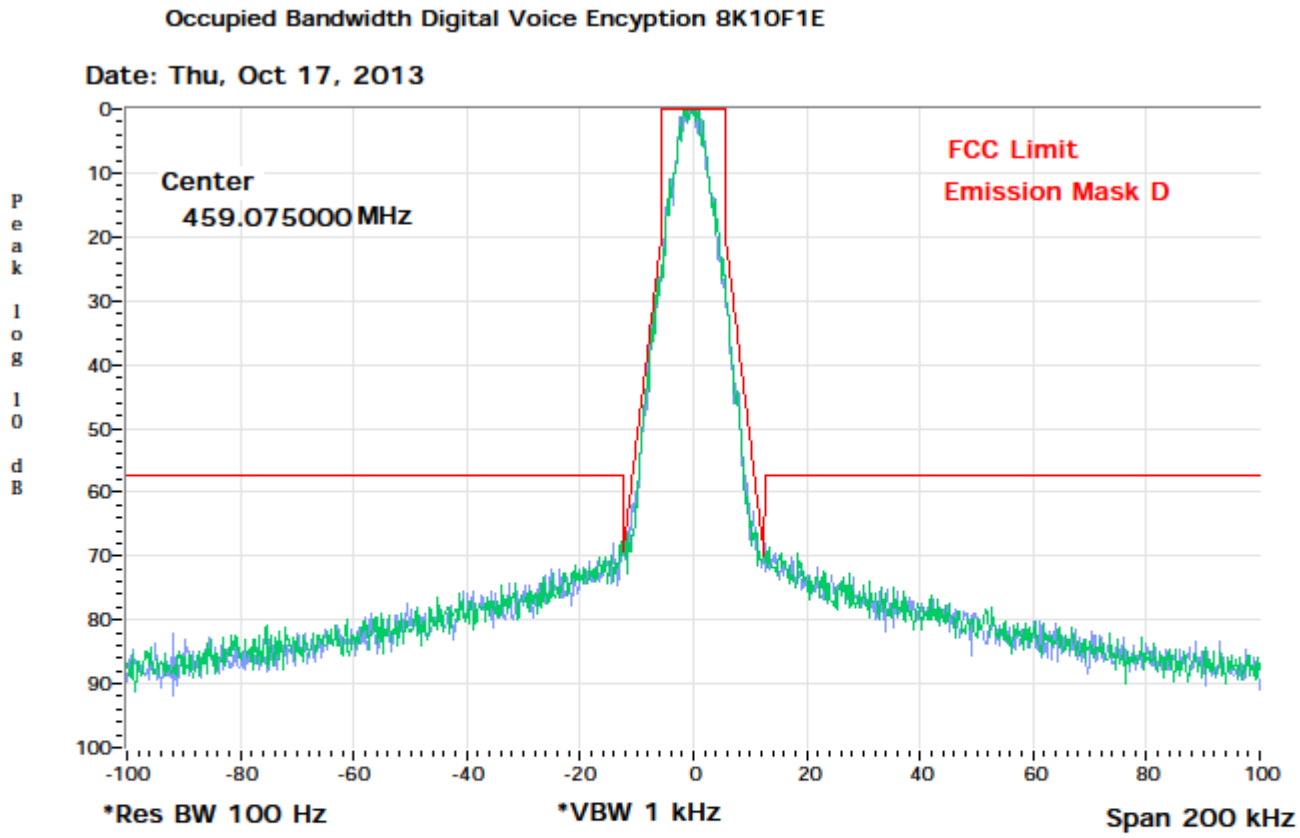
Frequency = 806.0125 MHz



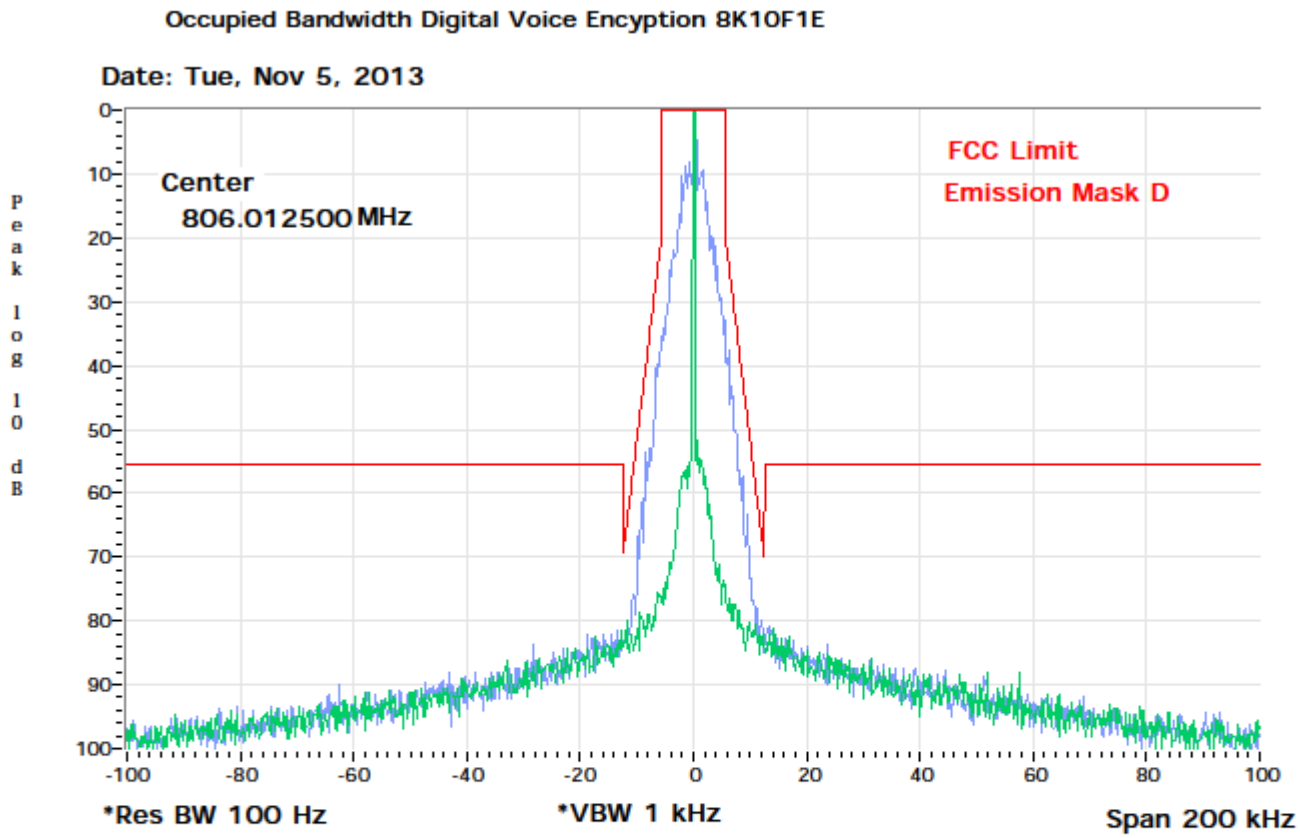
Digital APCO Mode (12.5 kHz Channelization, Digital Voice with encryption):
Emission Designator 8K10F1E

The 99% energy rule (title 47CFR 2.1049) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA102. CAAASection 2.2.5.2. The emission mask was obtained from 47CFR 90.210.
F1E portion of the designator indicates digital voice.
Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1E.

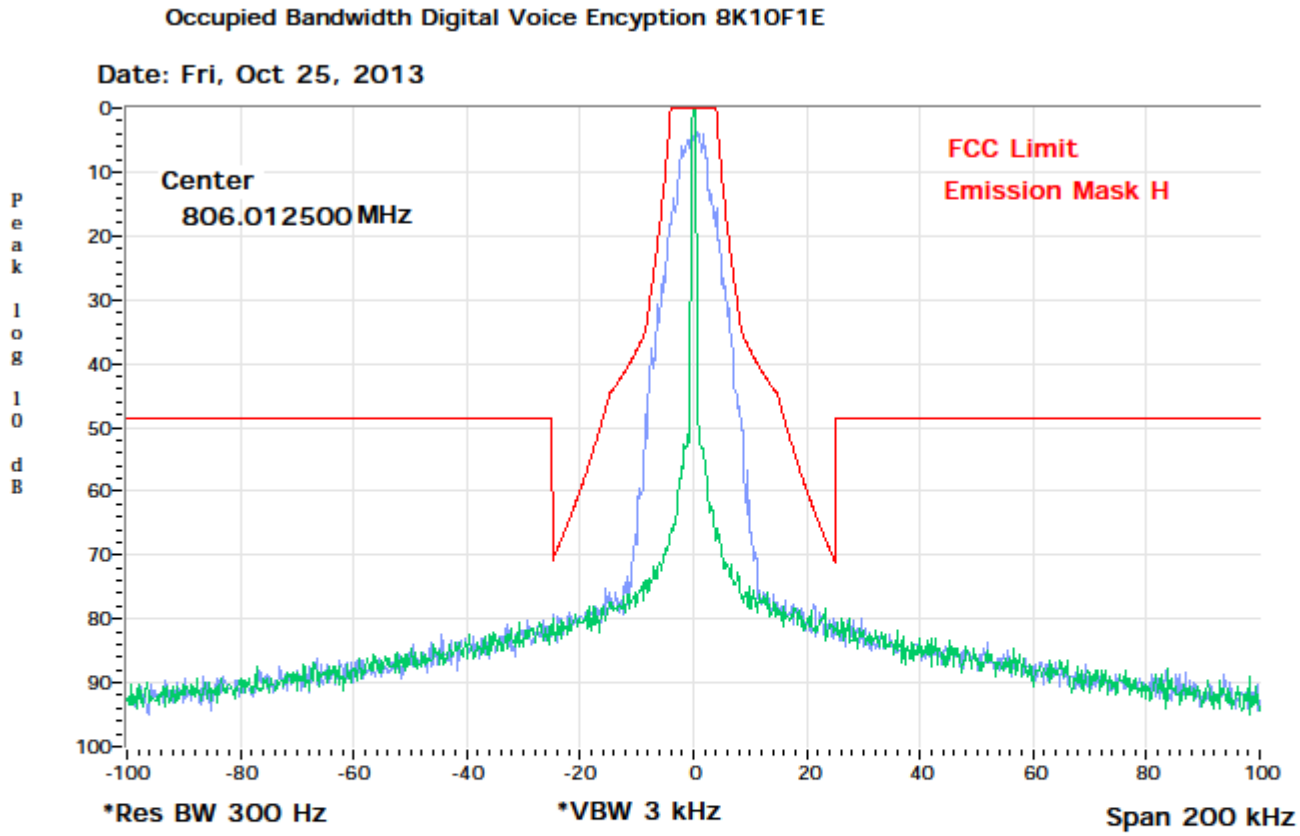
Frequency = 459.075 MHz



Frequency = 806.0125 MHz



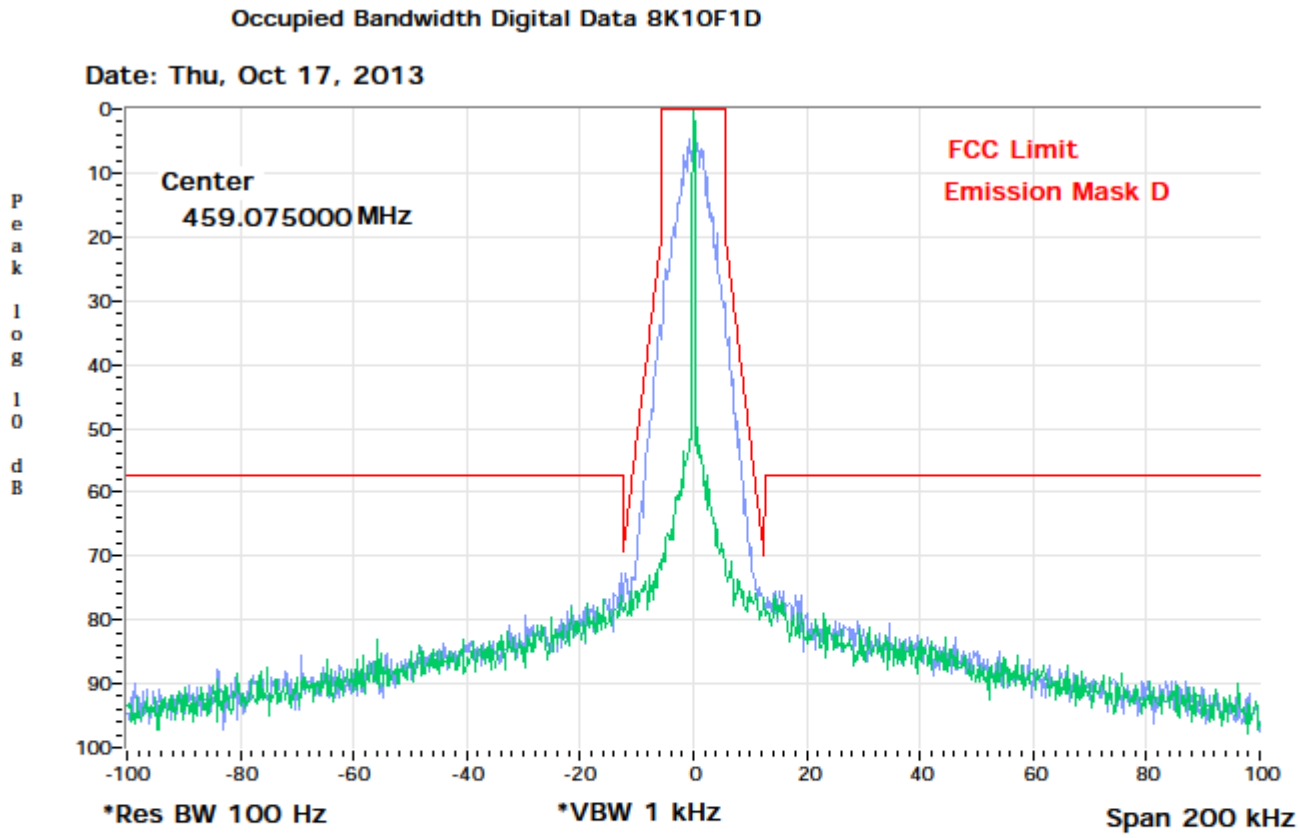
Frequency = 806.0125 MHz



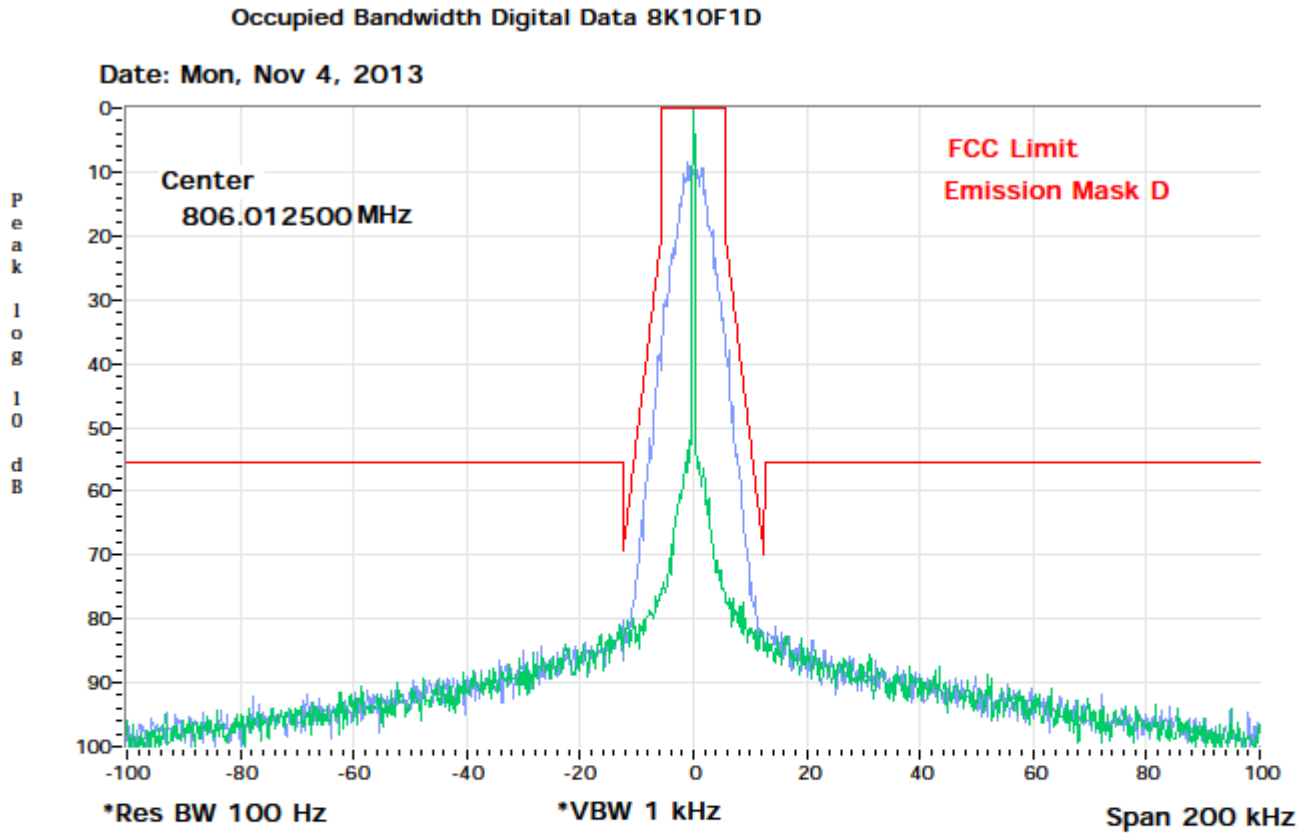
Digital APCO Mode (12.5 kHz Channelization, Digital Data):
Emission Designator 8K10F1D

The 99% energy rule (title 47CFR 2.1049) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA102. CAAASection 2.2.5.2. The emission mask was obtained from 47CFR 90.210.
F1D portion of the designator indicates digital data.
Therefore, the entire designator for 12.5 kHz channelization digital voice is 8K10F1D.

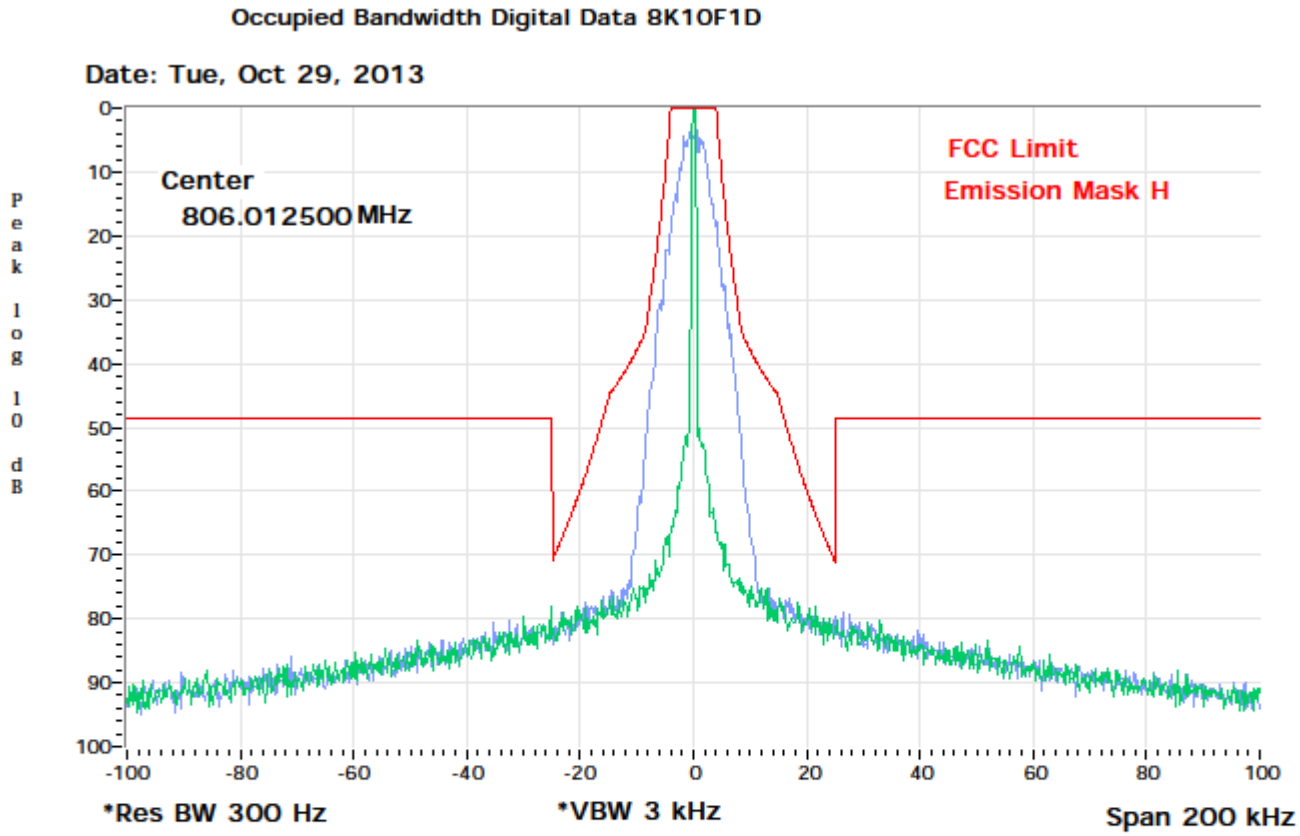
Frequency = 459.075 MHz



Frequency = 806.0125 MHz



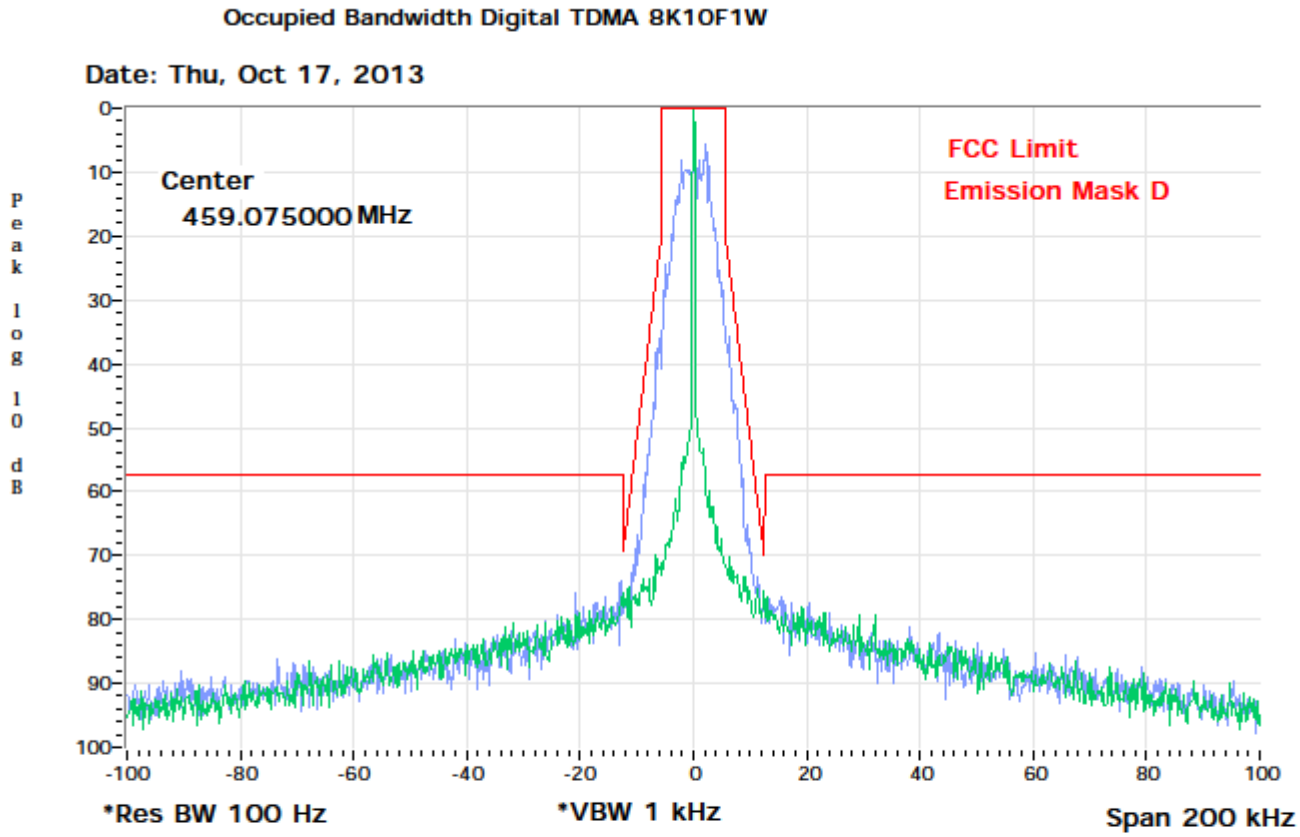
Frequency = 806.0125 MHz



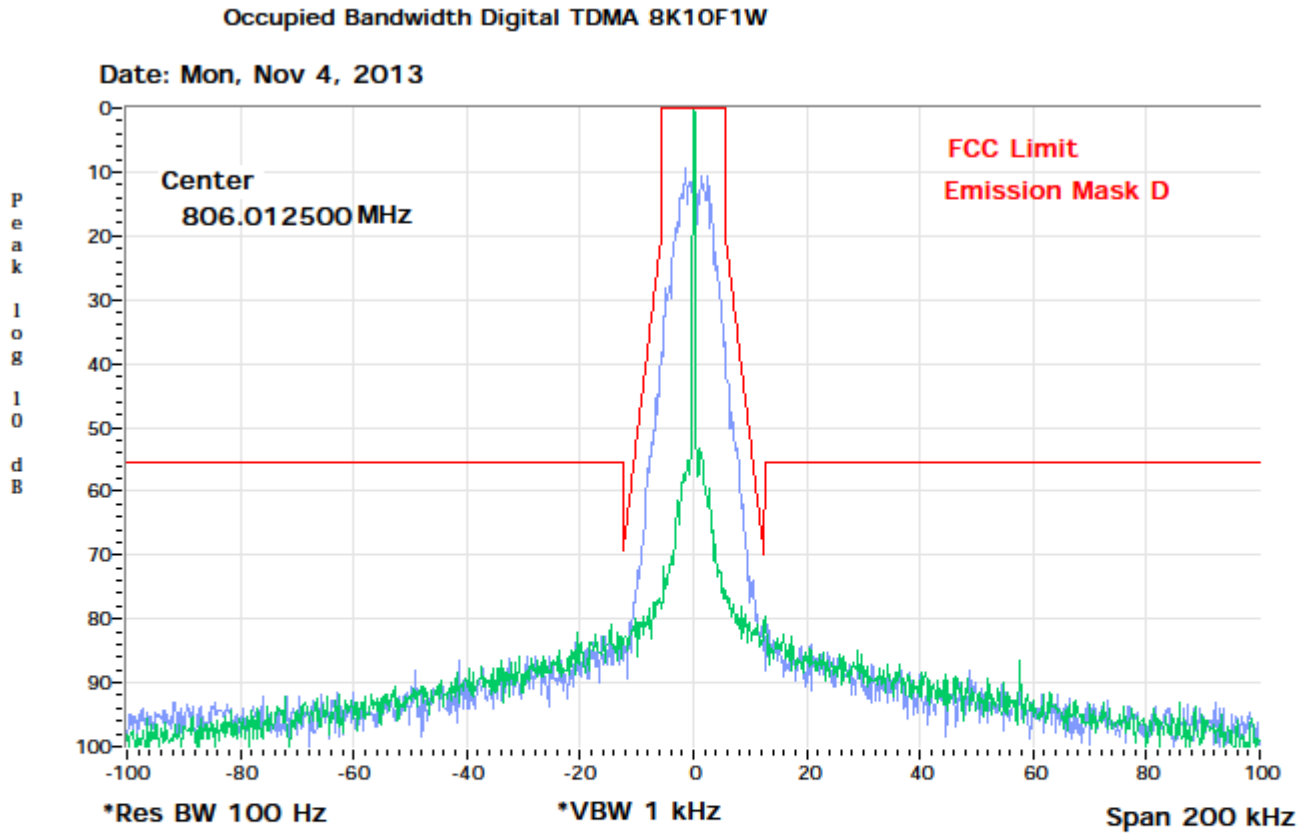
Digital APCO TDMA Mode (12.5 kHz Channelization, Digital TDMA 6.25 channelization equivalent): Emission Designator 8K10F1W

The 99% energy rule (title 47CFR 2.1049) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz Measurements were performed in accordance with TIA102. CAAASection 2.2.5.2. The emission mask was obtained from 47CFR 90.210. F1W portion of the designator indicates digital TDMA. Therefore, the entire designator for 12.5 kHz channelization digital TDMA is 8K10F1W.

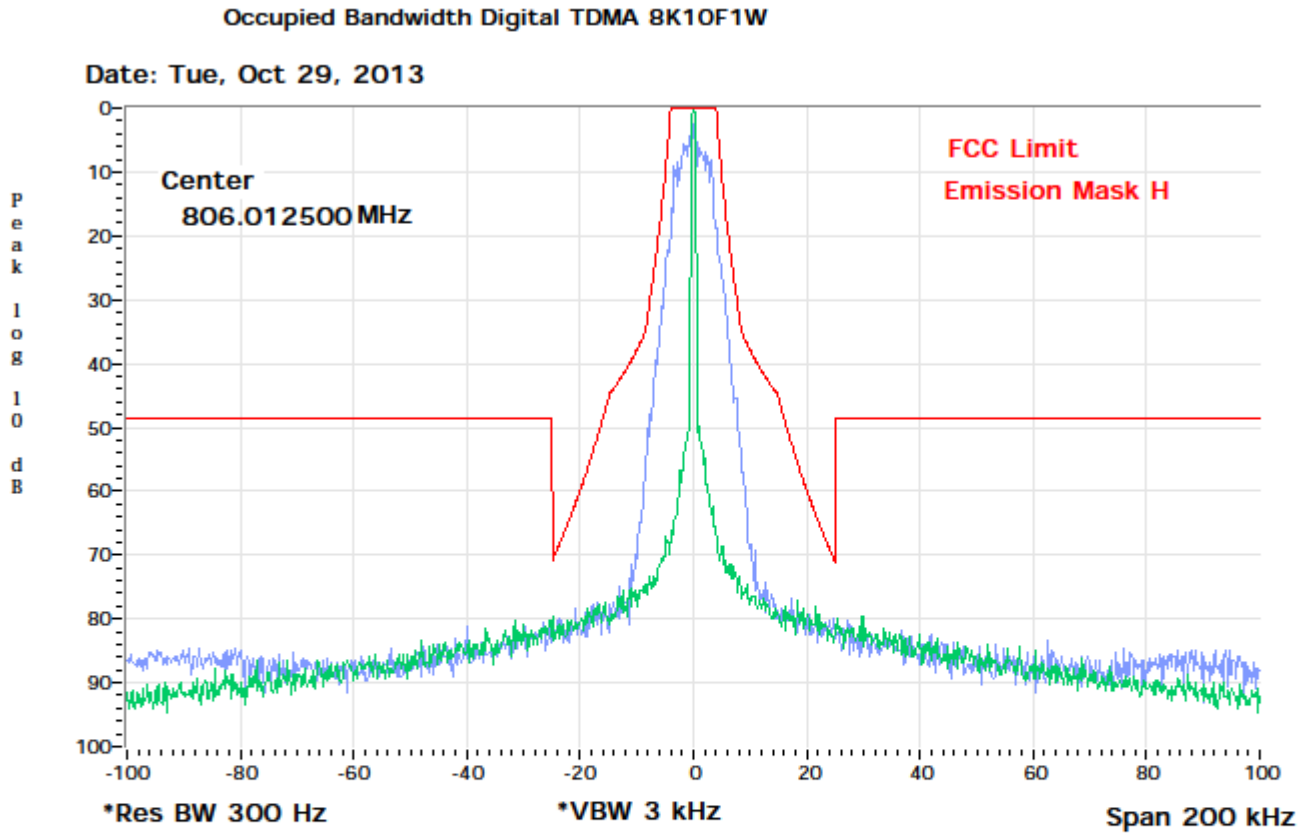
Frequency = 459.075 MHz



Frequency = 806.0125 MHz

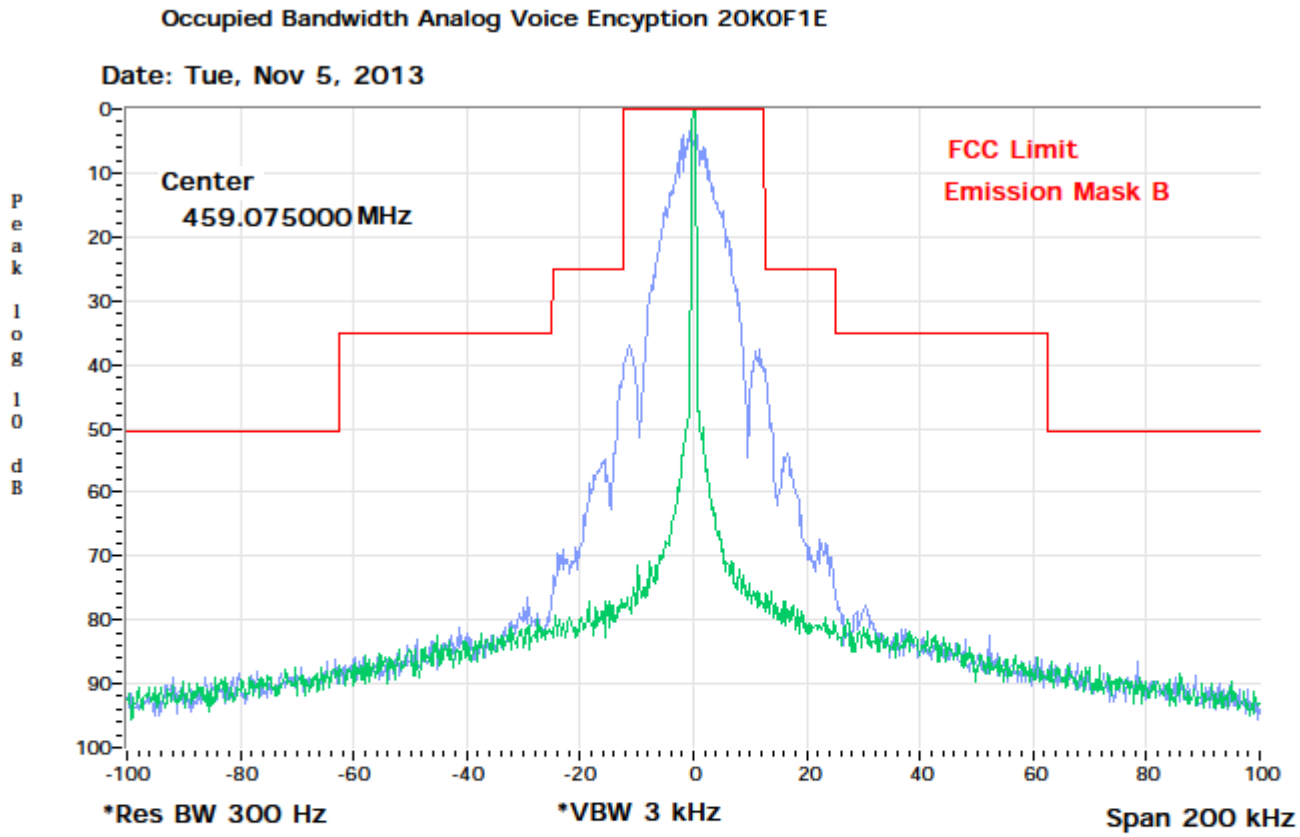


Frequency = 806.0125 MHz

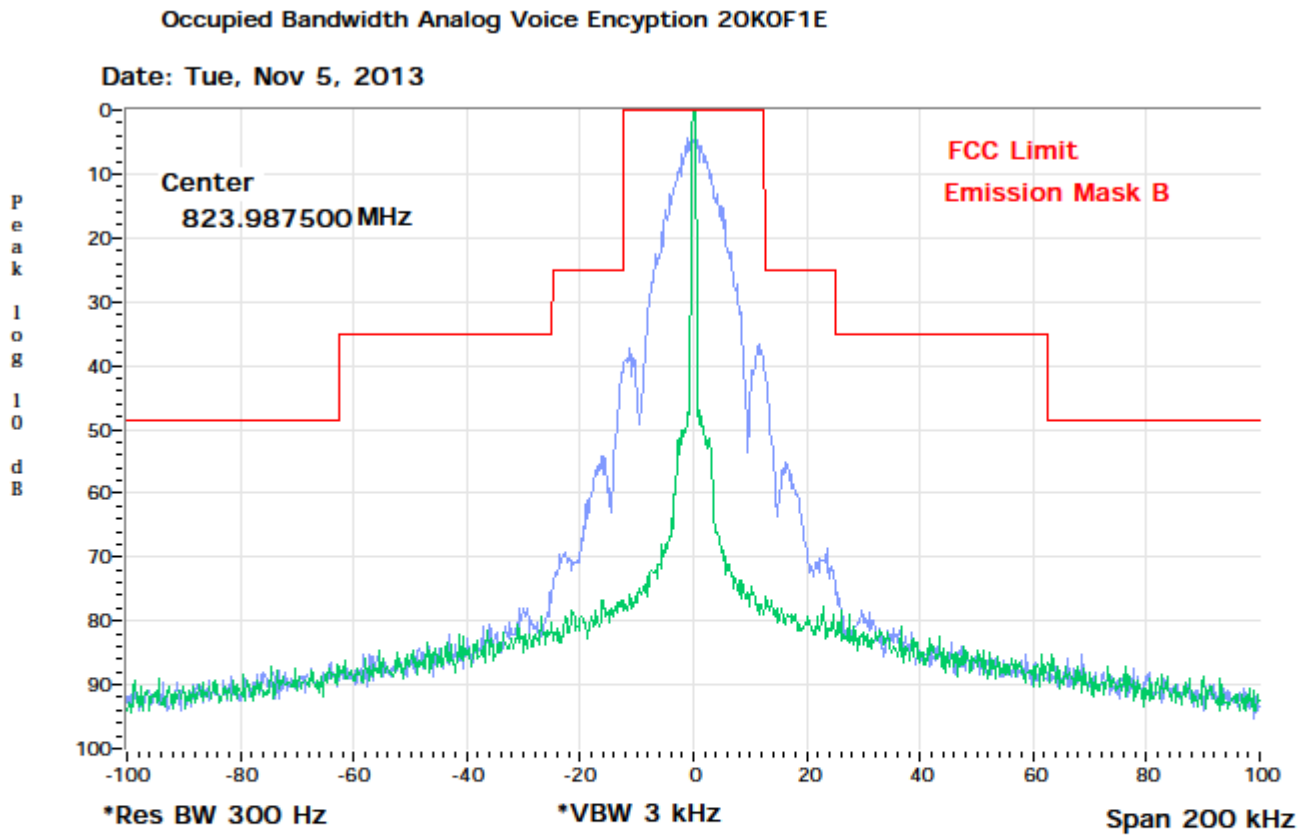


Digital Modulation (20 kHz Channelization, Analog Voice with encryption):
Emission Designator 20K0F1E

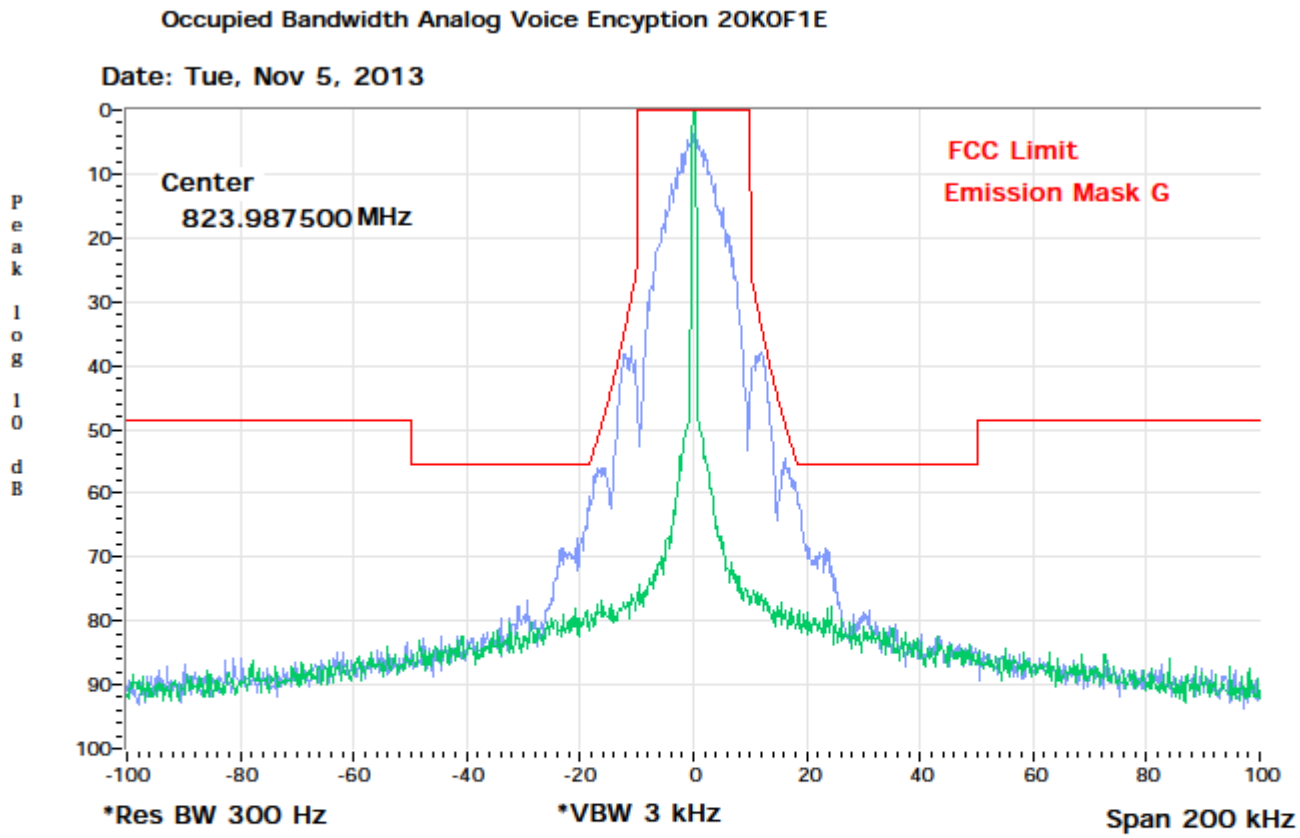
In this case, the maximum modulating frequency is 6 kHz with a 4 kHz deviation.
BW = 2(M+D) = 2*(6 kHz + 4 kHz) = 20 kHz = ➔ 20K0
F1E portion of the designator indicates digital voice.
Therefore, the entire designator for 20 kHz channelization analog voice is 20K0F1E.
Frequency = 459.075 MHz



Frequency = 823.9875 MHz

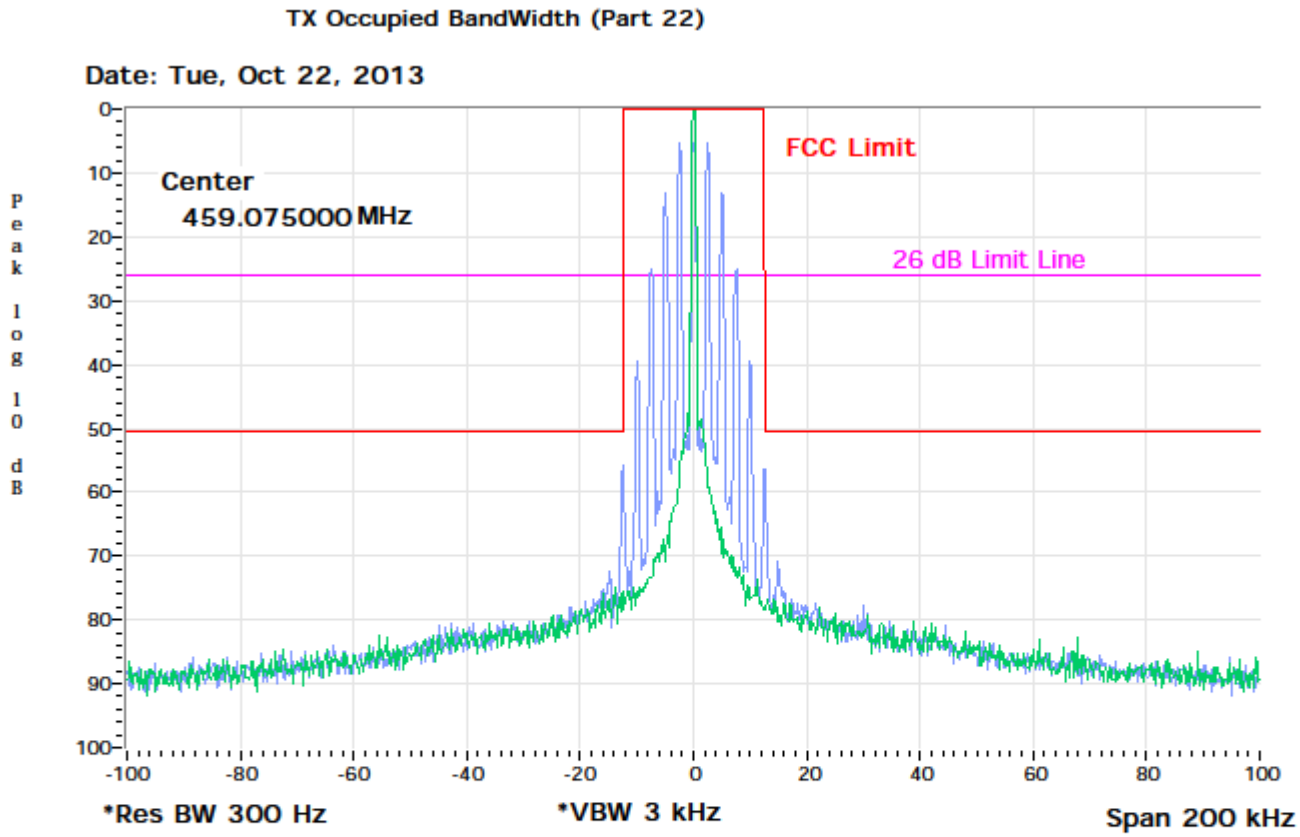


Frequency = 823.9875 MHz



Standard Audio Modulation (20 kHz Channelization, Analog Voice):
Emission Designator 20K0F1E (Part 22)

Frequency = 459.075 MHz

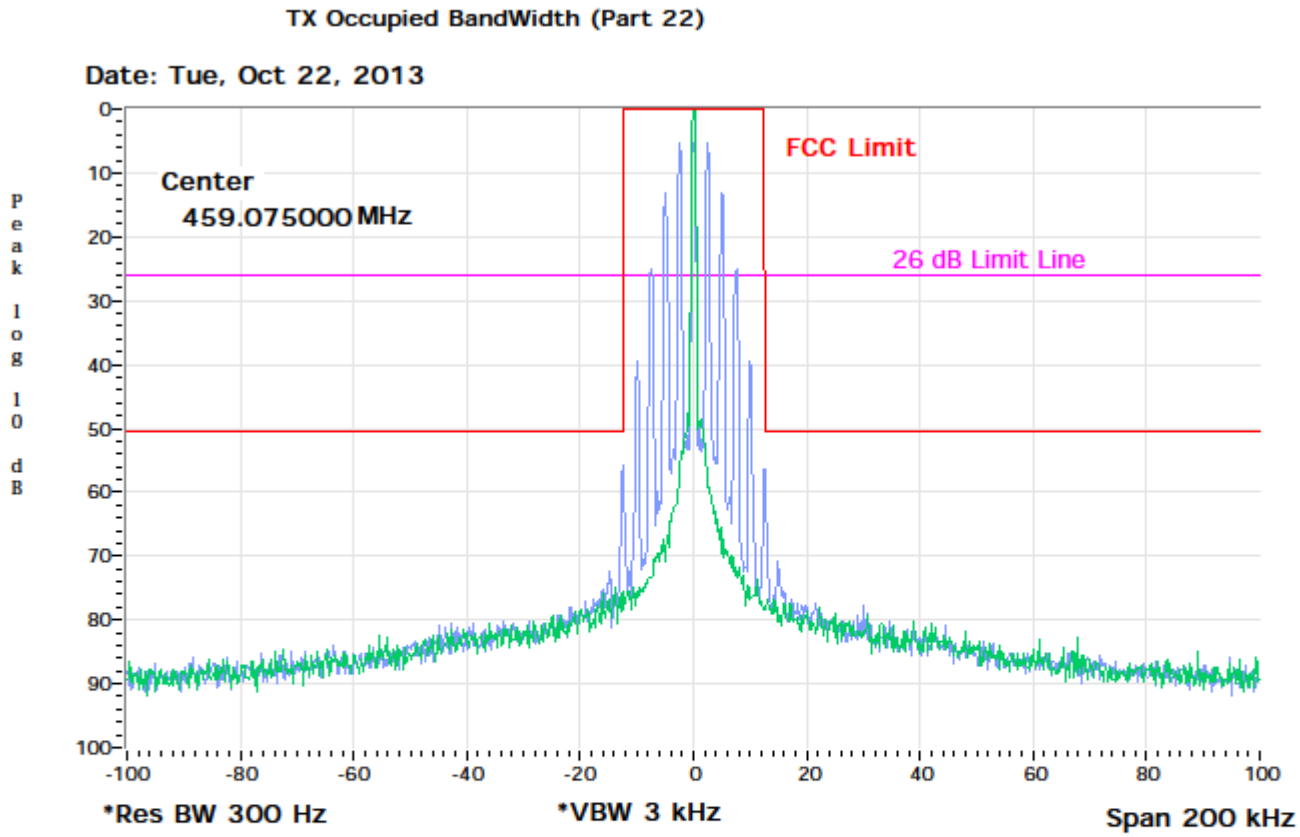


Res BW	*Max Amplitude*
30KHz	*-68dBc*

** Note: Compliance to section 22.359 (b), for frequency below and above ±70 kHz, peak measurements are corrected by 20 dB to account for resolution bandwidth of 30 kHz.*

Standard Audio Modulation (20 kHz Channelization, Analog Voice):
Emission Designator 16K0F3E (Part 22)

Frequency = 459.075 MHz



Res BW	*Max Amplitude*
30KHz	*-68dBc*

** Note: Compliance to section 22.359 (b), for frequency below and above ±70 kHz, peak measurements are corrected by 20 dB to account for resolution bandwidth of 30 kHz.*

Exhibit 6C

3. Transmit Radiated Spurious Emissions

Equipment under test:	MNUS1067B S/N: CAI131VFDJ
Measurement Criteria	**Compliance Testing** Radiated Emissions FCC Part 90 Radiated Emissions FCC Part 22
Results Summary:	EUT meets the test requirements
Test Configurations:	Radiated Spurious Emissions TX Frequencies: 764.0125MHz, 806.0125MHz, 823.9875MHz, 869.8875MHz, 459.075MHz, 485.075MHz, and 519.975MHz with 12.5kHz channel spacing at high power Radiated Spurious Emissions TX Frequencies: 459.075MHz with 20kHz channel spacing at high power Radiated Spurious Emissions TX Frequencies: 764.0125MHz, 806.0125MHz, 823.9875MHz, 869.8875MHz, 459.075MHz, 485.075MHz, and 519.975MHz with 25kHz channel spacing at high power

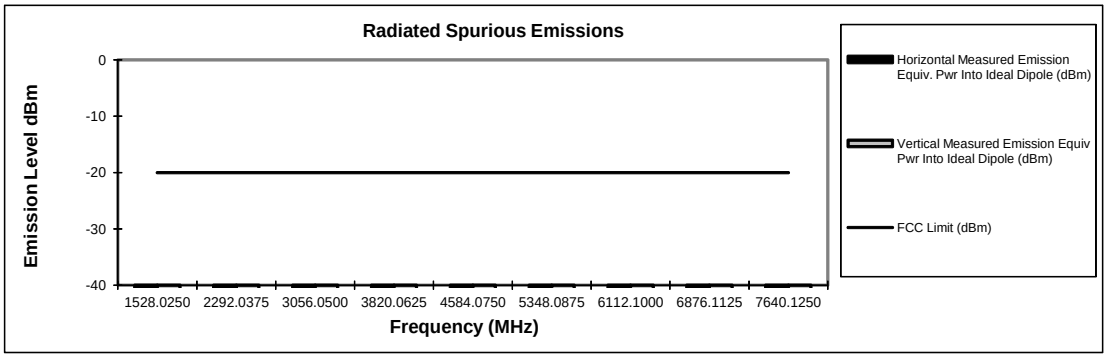
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 2.99 Watts

764.0125 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-20	*	*
2292.0375	-20	*	*
3056.0500	-20	*	*
3820.0625	-20	*	*
4584.0750	-20	*	*
5348.0875	-20	*	*
6112.1000	-20	*	*
6876.1125	-20	*	*
7640.1250	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero **October 14, 2013**
FCC Registration: 91932 / Industry Canada: IC109U-1

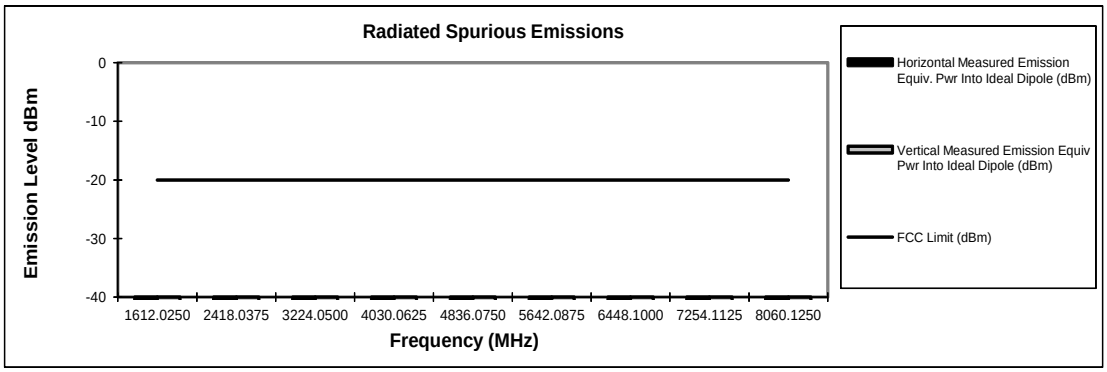
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 3.6 Watts

806.0125 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	*	*
2418.0375	-20	*	*
3224.0500	-20	*	*
4030.0625	-20	*	*
4836.0750	-20	*	*
5642.0875	-20	*	*
6448.1000	-20	*	*
7254.1125	-20	*	*
8060.1250	-20	*	*

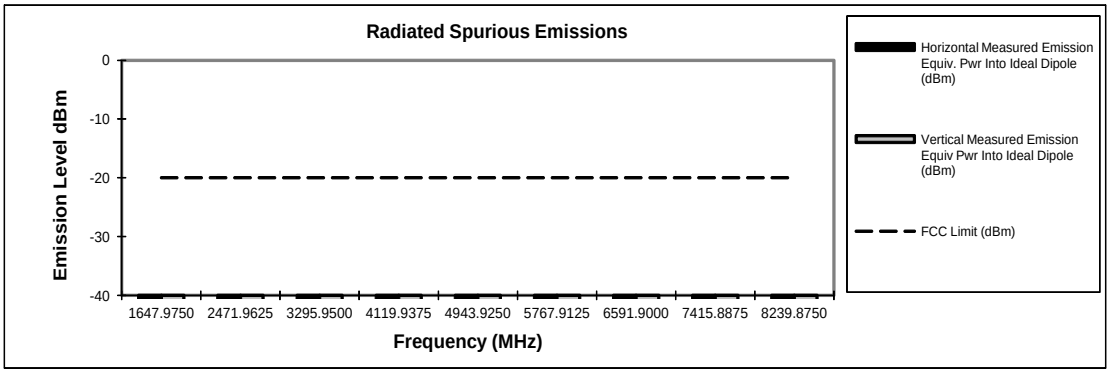


Transmit Radiated Spurious Emissions:

Tx Power: 3.6 Watts

823.9875 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	*	*
2471.9625	-20	*	*
3295.9500	-20	*	*
4119.9375	-20	*	*
4943.9250	-20	*	*
5767.9125	-20	*	*
6591.9000	-20	*	*
7415.8875	-20	*	*
8239.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

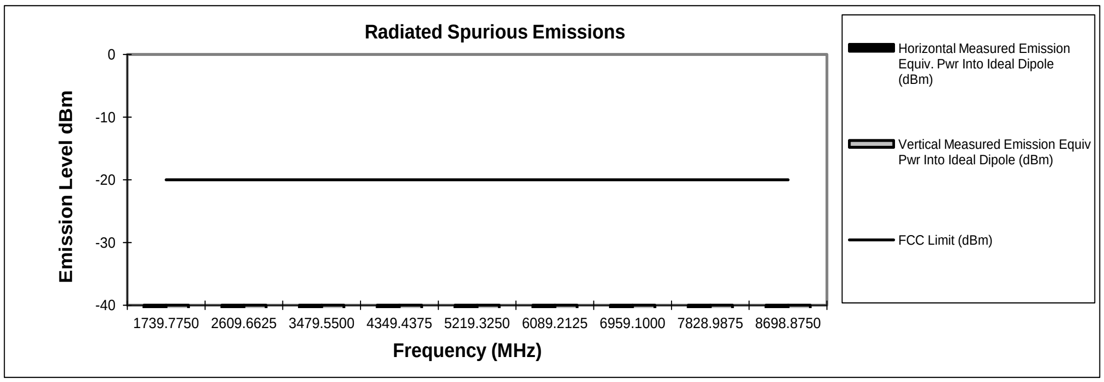
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 3.6 Watts

869.8875 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1739.7750	-20	*	*
2609.6625	-20	*	*
3479.5500	-20	*	*
4349.4375	-20	*	*
5219.3250	-20	*	*
6089.2125	-20	*	*
6959.1000	-20	*	*
7828.9875	-20	*	*
8698.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

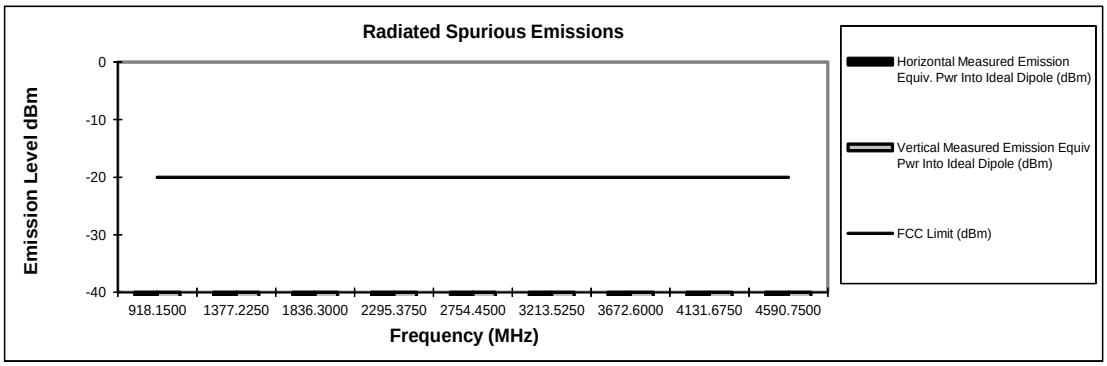
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 5.6 Watts

459.075 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
918.1500	-20	*	*
1377.2250	-20	*	*
1836.3000	-20	*	*
2295.3750	-20	*	*
2754.4500	-20	*	*
3213.5250	-20	*	*
3672.6000	-20	*	*
4131.6750	-20	*	*
4590.7500	-20	*	*

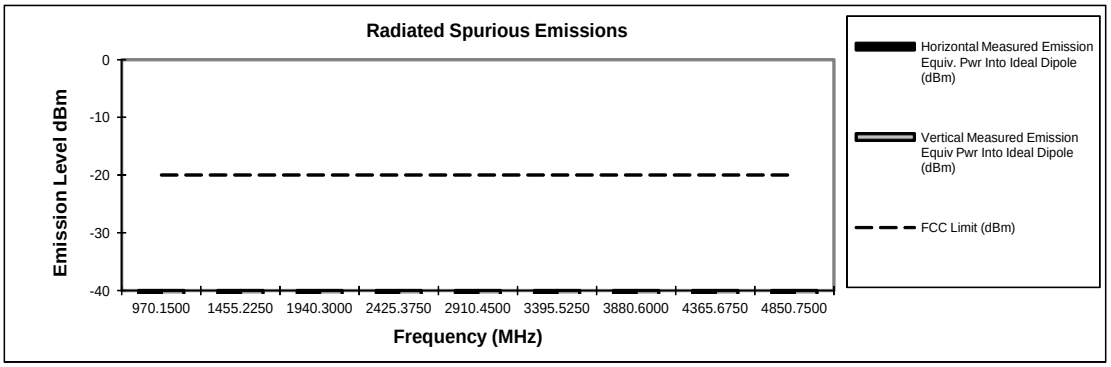


Transmit Radiated Spurious Emissions:

Tx Power: 5.6 Watts

485.075 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
970.1500	-20	*	*
1455.2250	-20	*	*
1940.3000	-20	*	*
2425.3750	-20	*	*
2910.4500	-20	*	*
3395.5250	-20	*	*
3880.6000	-20	*	*
4365.6750	-20	*	*
4850.7500	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero **October 15, 2013**
FCC Registration: 91932 / Industry Canada: IC109U-1

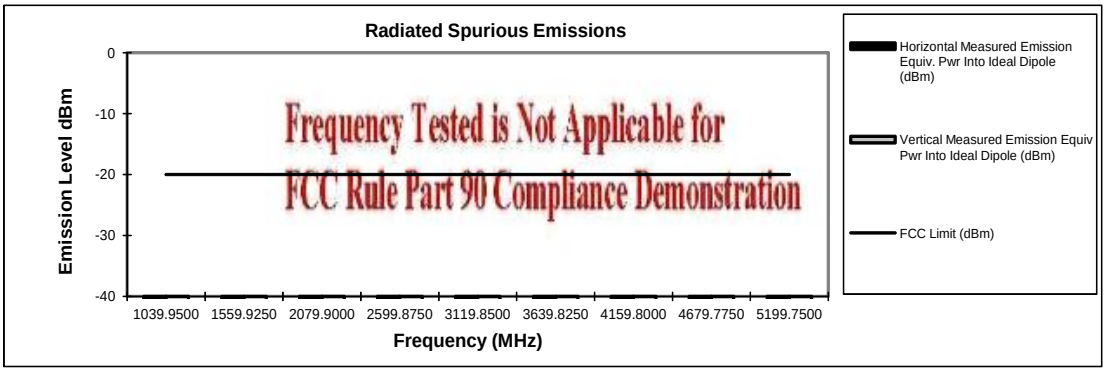
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 5.6 Watts

519.975 MHz **Channel Spacing 12.5kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9500	-20	*	*
1559.9250	-20	*	*
2079.9000	-20	*	*
2599.8750	-20	*	*
3119.8500	-20	*	*
3639.8250	-20	*	*
4159.8000	-20	*	*
4679.7750	-20	*	*
5199.7500	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero **October 15, 2013**

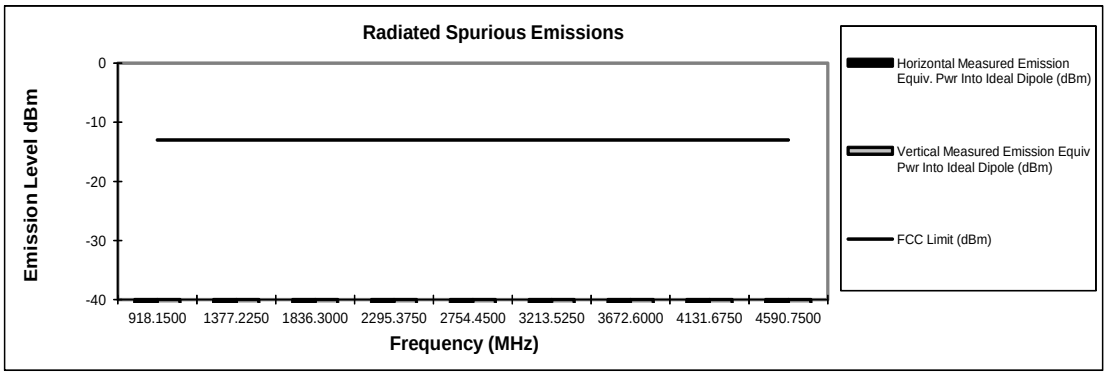
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions:

Tx Power: 5.6 Watts

459.075 MHz **Channel Spacing 20kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
918.1500	-13	*	*
1377.2250	-13	*	*
1836.3000	-13	*	*
2295.3750	-13	*	*
2754.4500	-13	*	*
3213.5250	-13	*	*
3672.6000	-13	*	*
4131.6750	-13	*	*
4590.7500	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

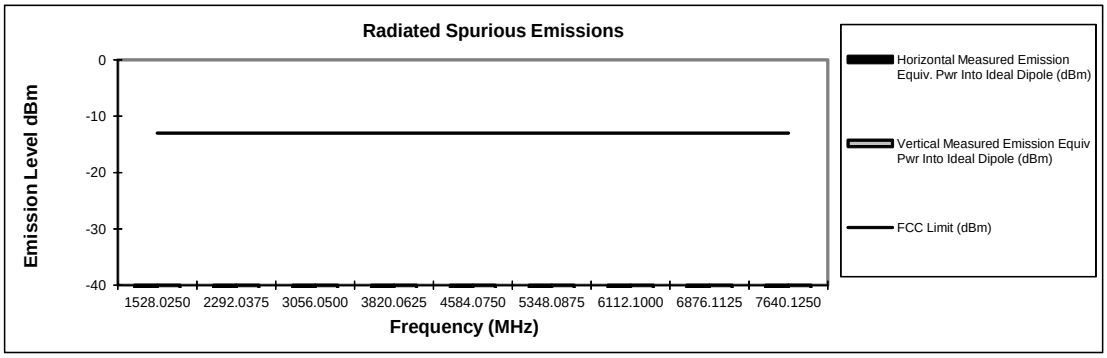
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 2.99 Watts

764.0125 MHz **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-13	*	*
2292.0375	-13	*	*
3056.0500	-13	*	*
3820.0625	-13	*	*
4584.0750	-13	*	*
5348.0875	-13	*	*
6112.1000	-13	*	*
6876.1125	-13	*	*
7640.1250	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero **October 15, 2013**
FCC Registration: 91932 / Industry Canada: IC109U-1

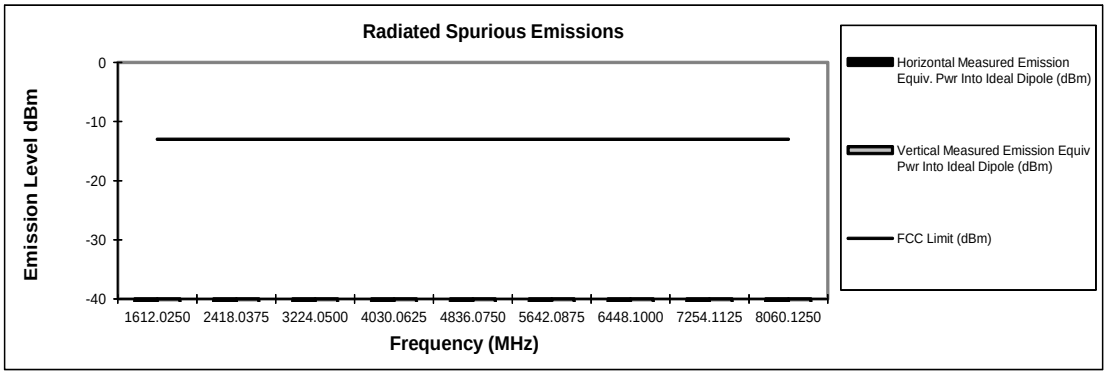
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 3.6 Watts

806.0125 MHz **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	*	*
2418.0375	-13	*	*
3224.0500	-13	*	*
4030.0625	-13	*	*
4836.0750	-13	*	*
5642.0875	-13	*	*
6448.1000	-13	*	*
7254.1125	-13	*	*
8060.1250	-13	*	*

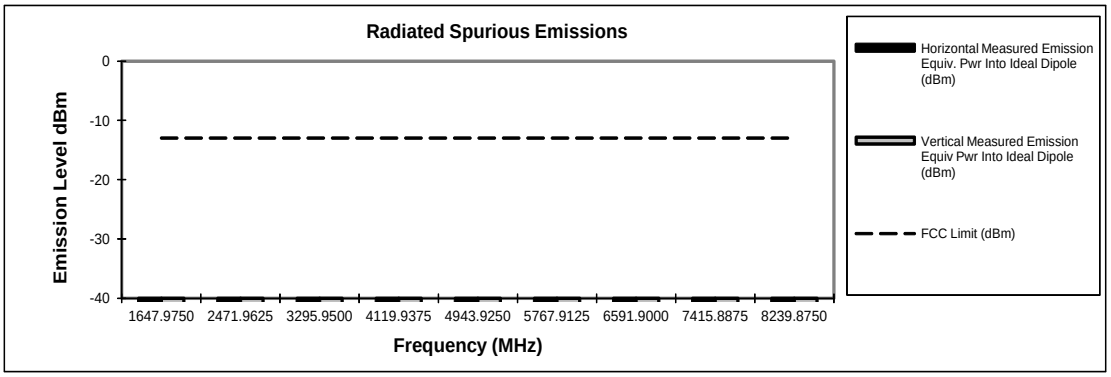


Transmit Radiated Spurious Emissions:

Tx Power: 3.6 Watts

823.9875 MHz **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	*	*
2471.9625	-13	*	*
3295.9500	-13	*	*
4119.9375	-13	*	*
4943.9250	-13	*	*
5767.9125	-13	*	*
6591.9000	-13	*	*
7415.8875	-13	*	*
8239.8750	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

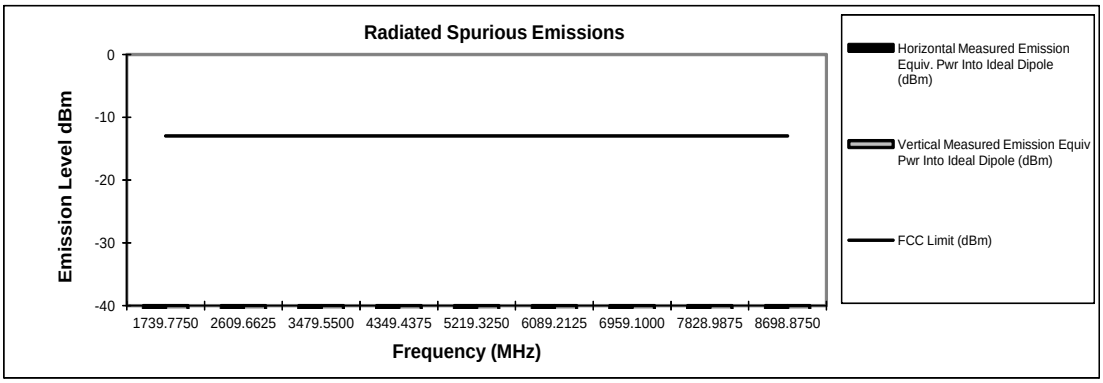
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 3.6 Watts

869.8875 MHz **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1739.7750	-13	*	*
2609.6625	-13	*	*
3479.5500	-13	*	*
4349.4375	-13	*	*
5219.3250	-13	*	*
6089.2125	-13	*	*
6959.1000	-13	*	*
7828.9875	-13	*	*
8698.8750	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

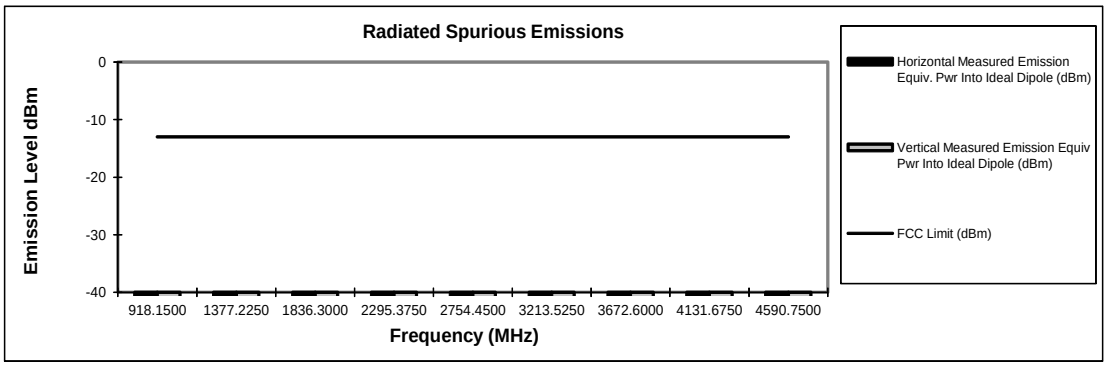
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 5.6 Watts

459.075 MHz **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
918.1500	-13	*	*
1377.2250	-13	*	*
1836.3000	-13	*	*
2295.3750	-13	*	*
2754.4500	-13	*	*
3213.5250	-13	*	*
3672.6000	-13	*	*
4131.6750	-13	*	*
4590.7500	-13	*	*

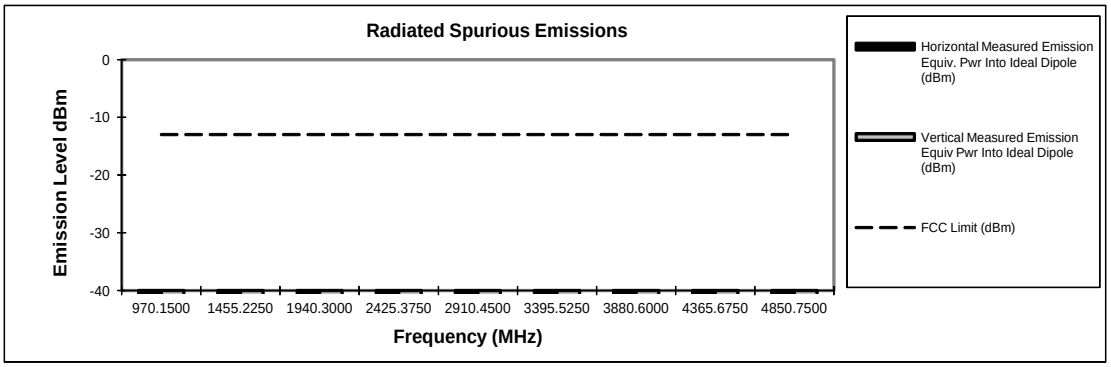


Transmit Radiated Spurious Emissions:

Tx Power: 5.6 Watts

485.075 MHz **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
970.1500	-13	*	*
1455.2250	-13	*	*
1940.3000	-13	*	*
2425.3750	-13	*	*
2910.4500	-13	*	*
3395.5250	-13	*	*
3880.6000	-13	*	*
4365.6750	-13	*	*
4850.7500	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Alberto Cordero **October 13, 2013**
FCC Registration: 91932 / Industry Canada: IC109U-1

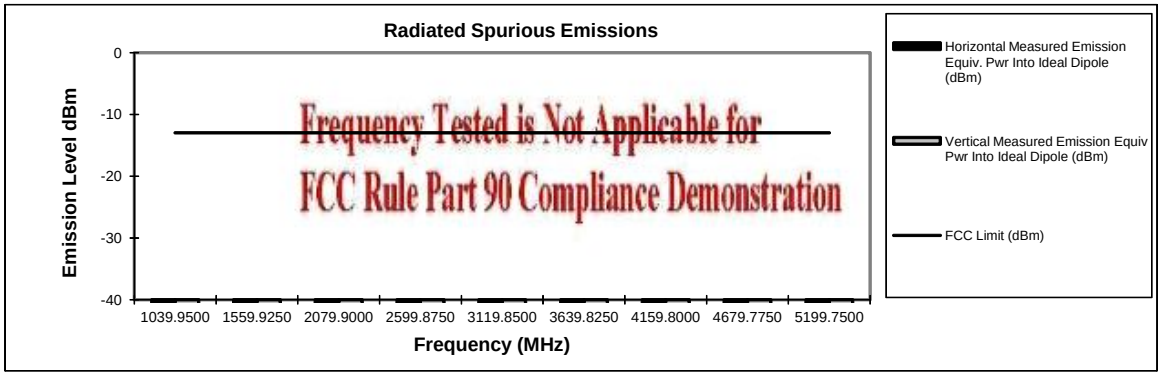
Motorola Solutions

Transmit Radiated Spurious Emissions:

Tx Power: 5.6 Watts

519.975 MHz **Channel Spacing 25kHz | S/N CAI131VFDJ**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9500	-13	*	*
1559.9250	-13	*	*
2079.9000	-13	*	*
2599.8750	-13	*	*
3119.8500	-13	*	*
3639.8250	-13	*	*
4159.8000	-13	*	*
4679.7750	-13	*	*
5199.7500	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

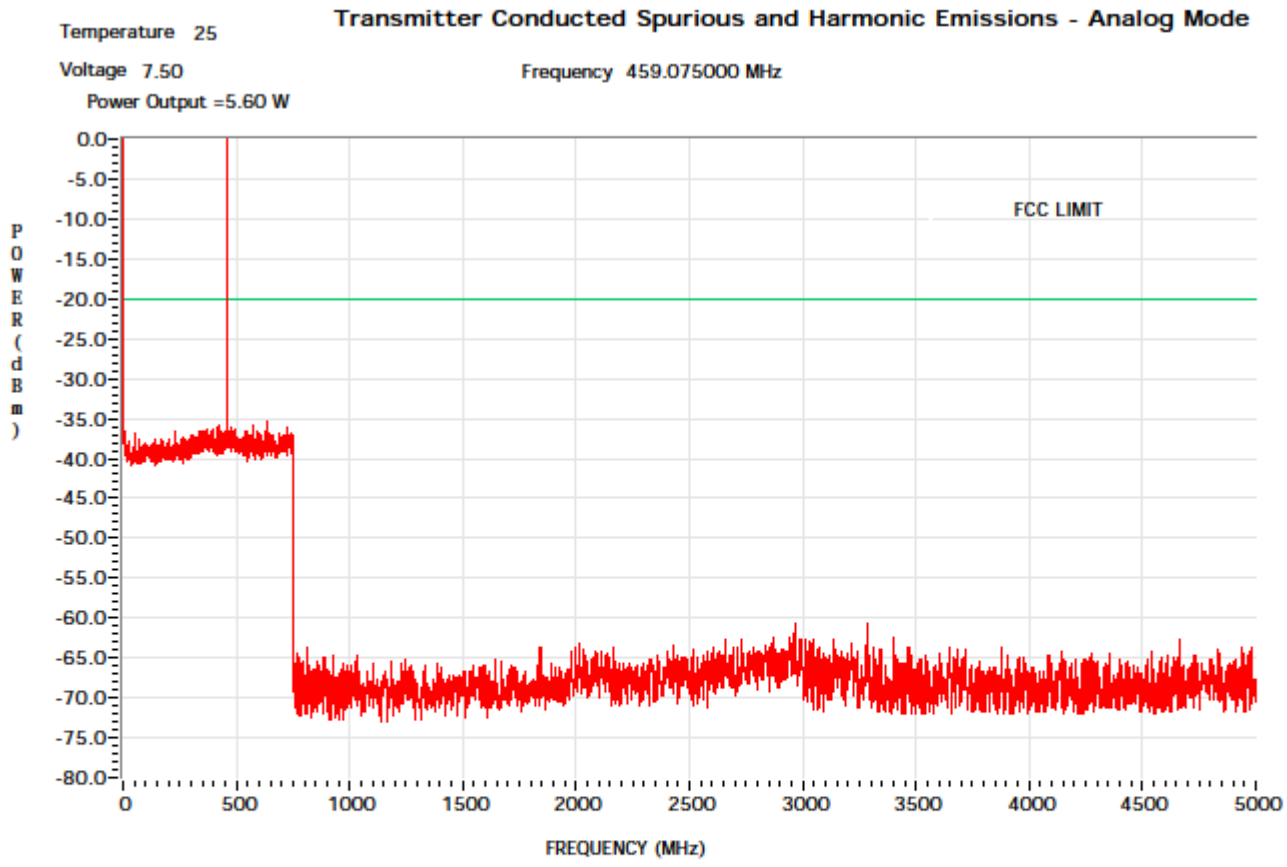
Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

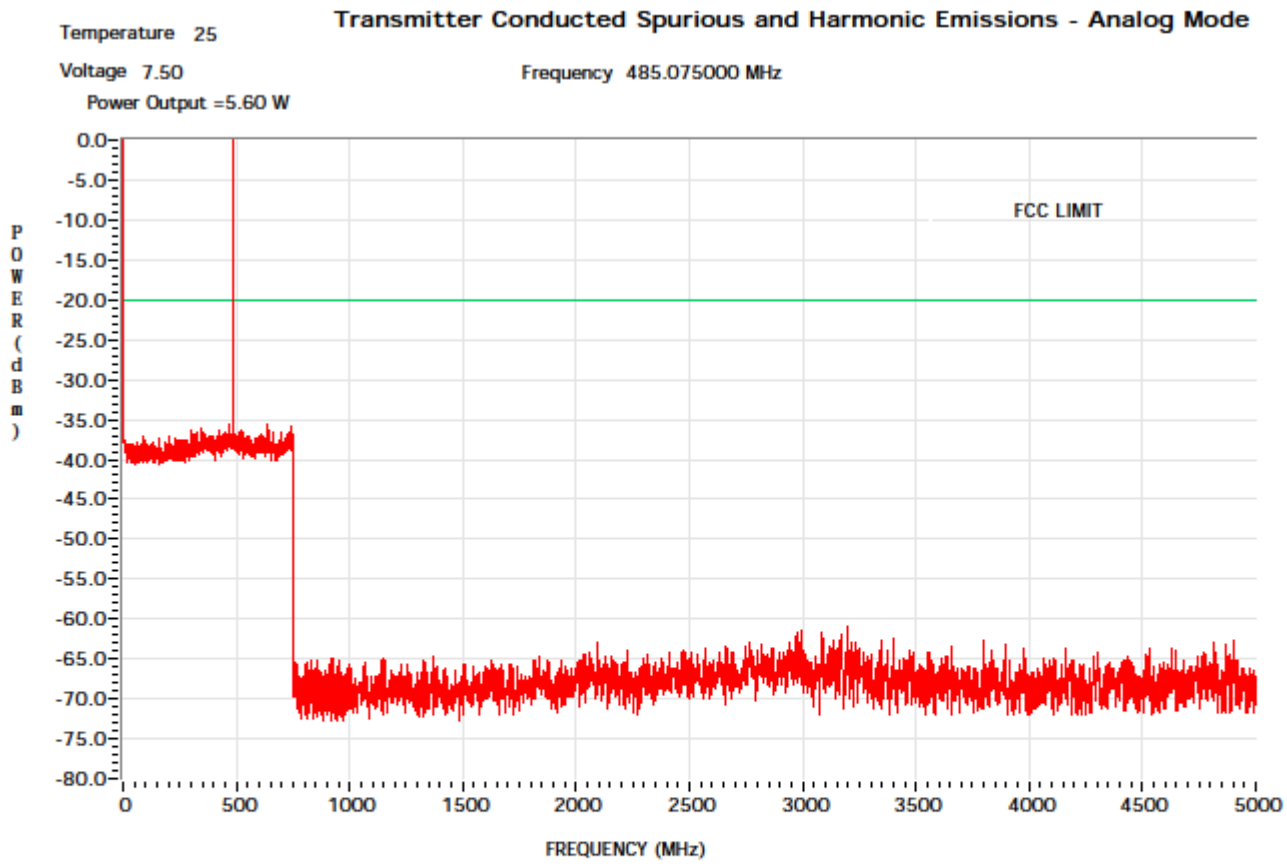
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

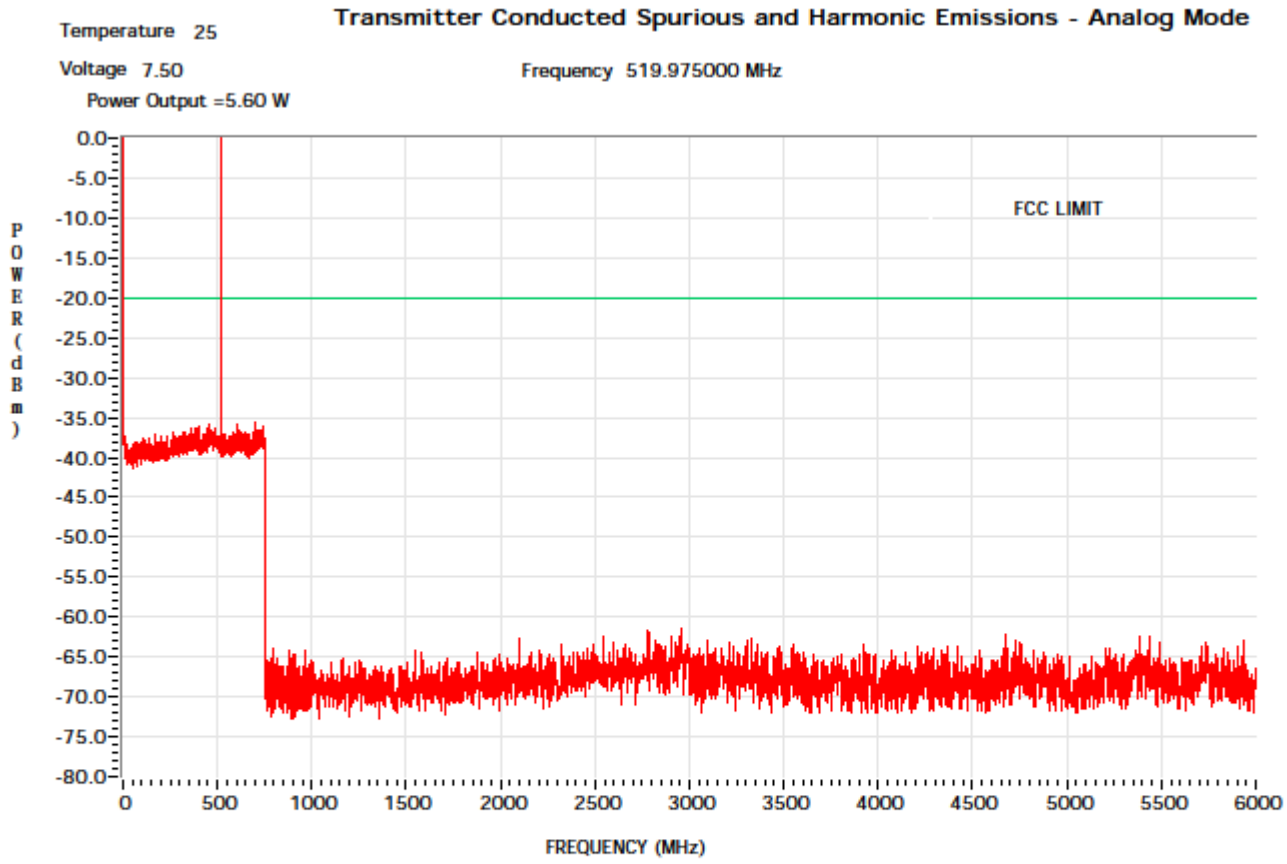
Exhibit 6D

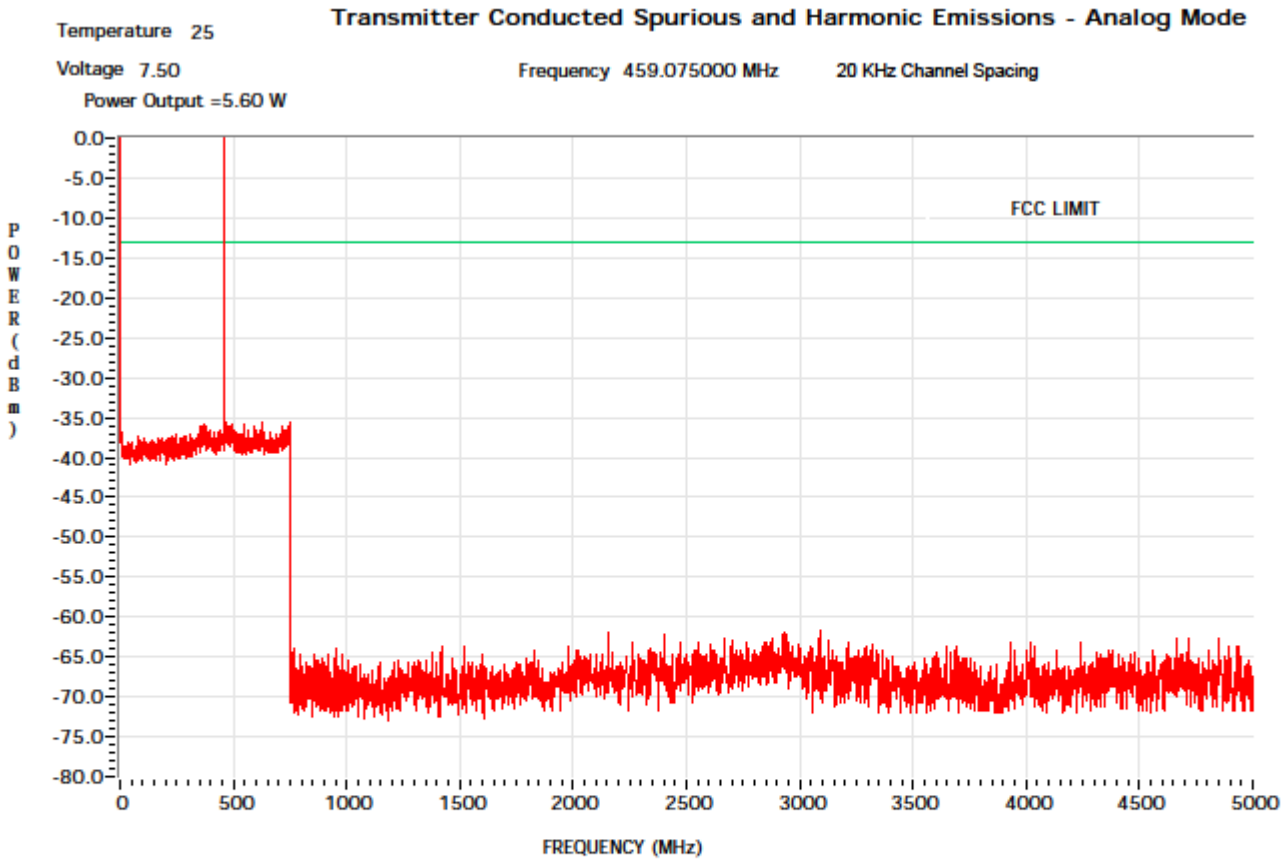
4. Transmitter Conducted Spurious Emissions

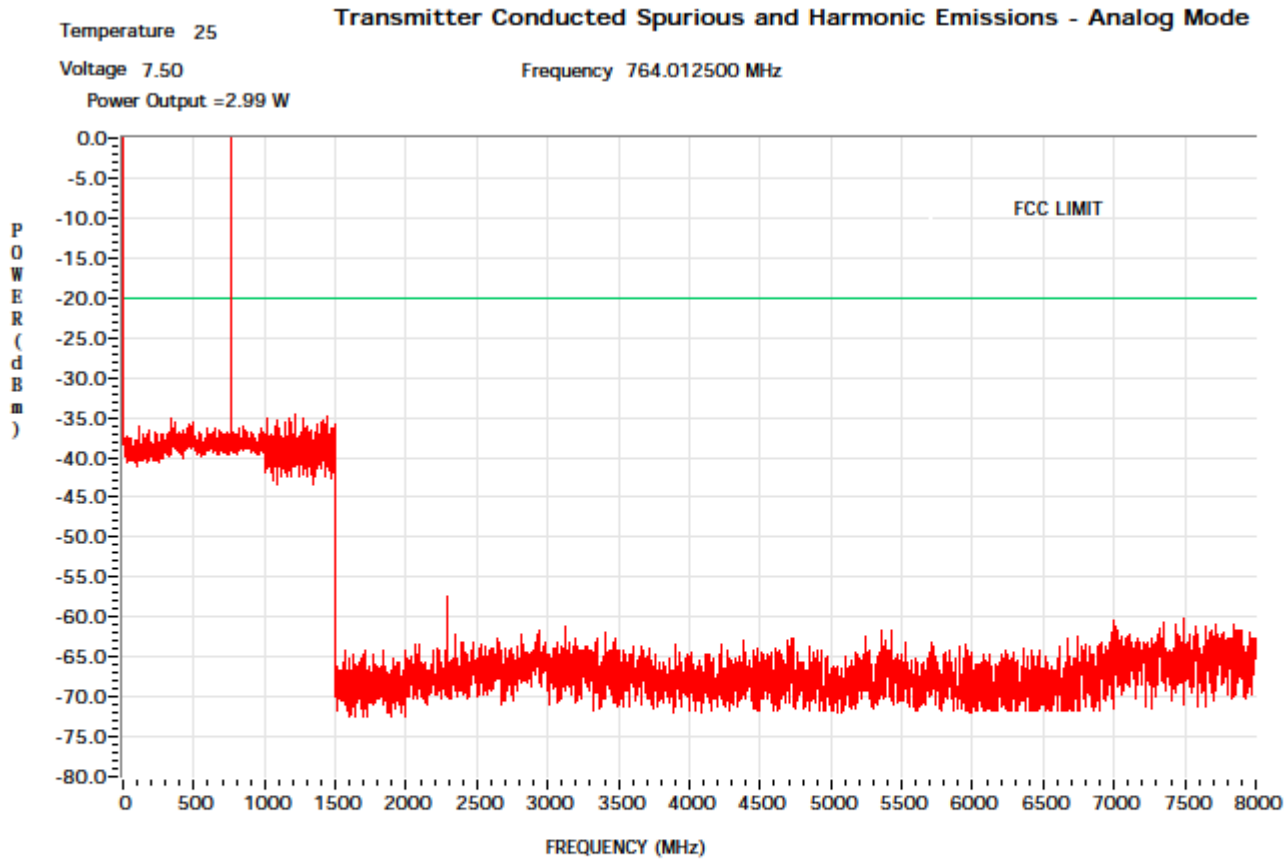
Spurious response was measured at 459.075MHz, 485.075MHz, 519.975MHz, 459.075MHz (20KHz channel spacing), 764.0125MHz, 806.0125MHz, 823.9875MHz, and 869.8875MHz. Conducted emissions were measured to 2GHz. All spurious and harmonic emissions are well below the FCC limit.

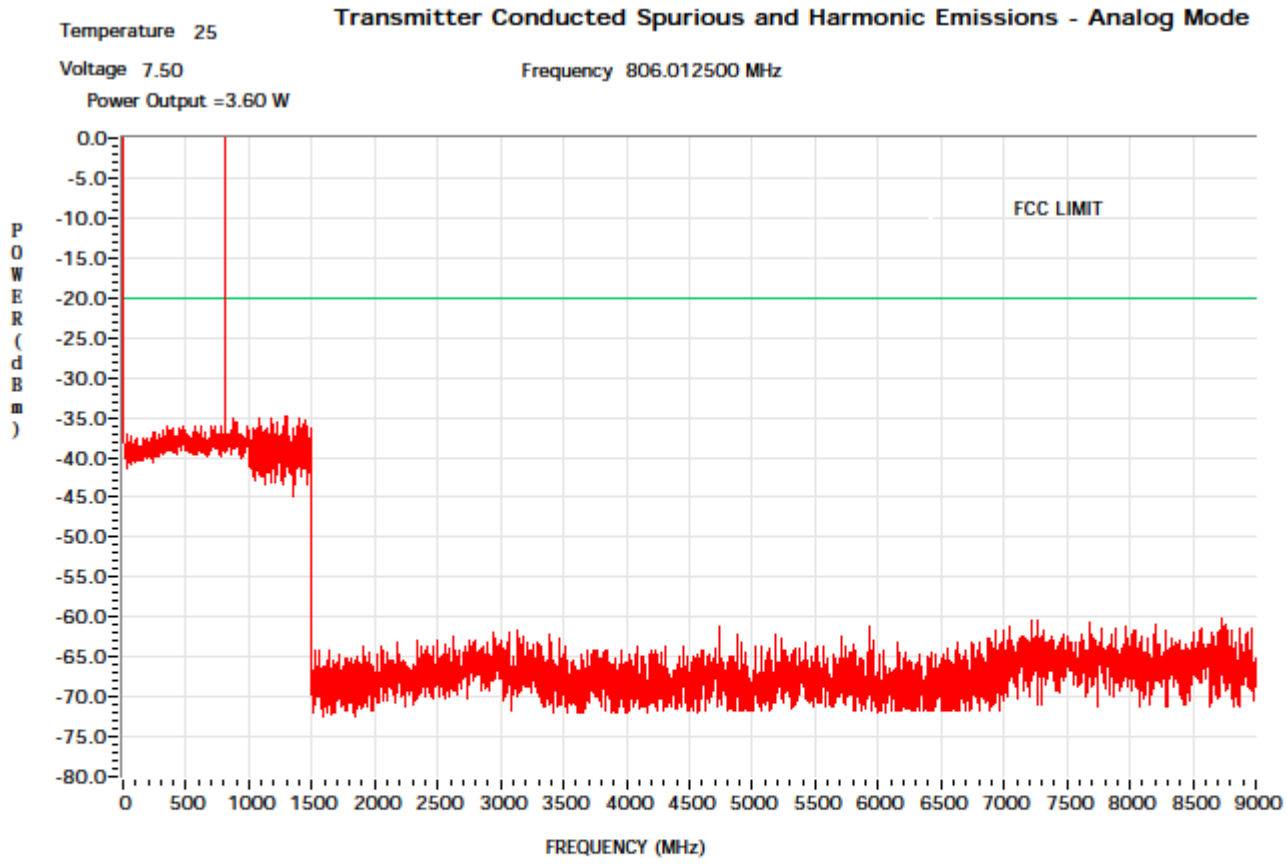


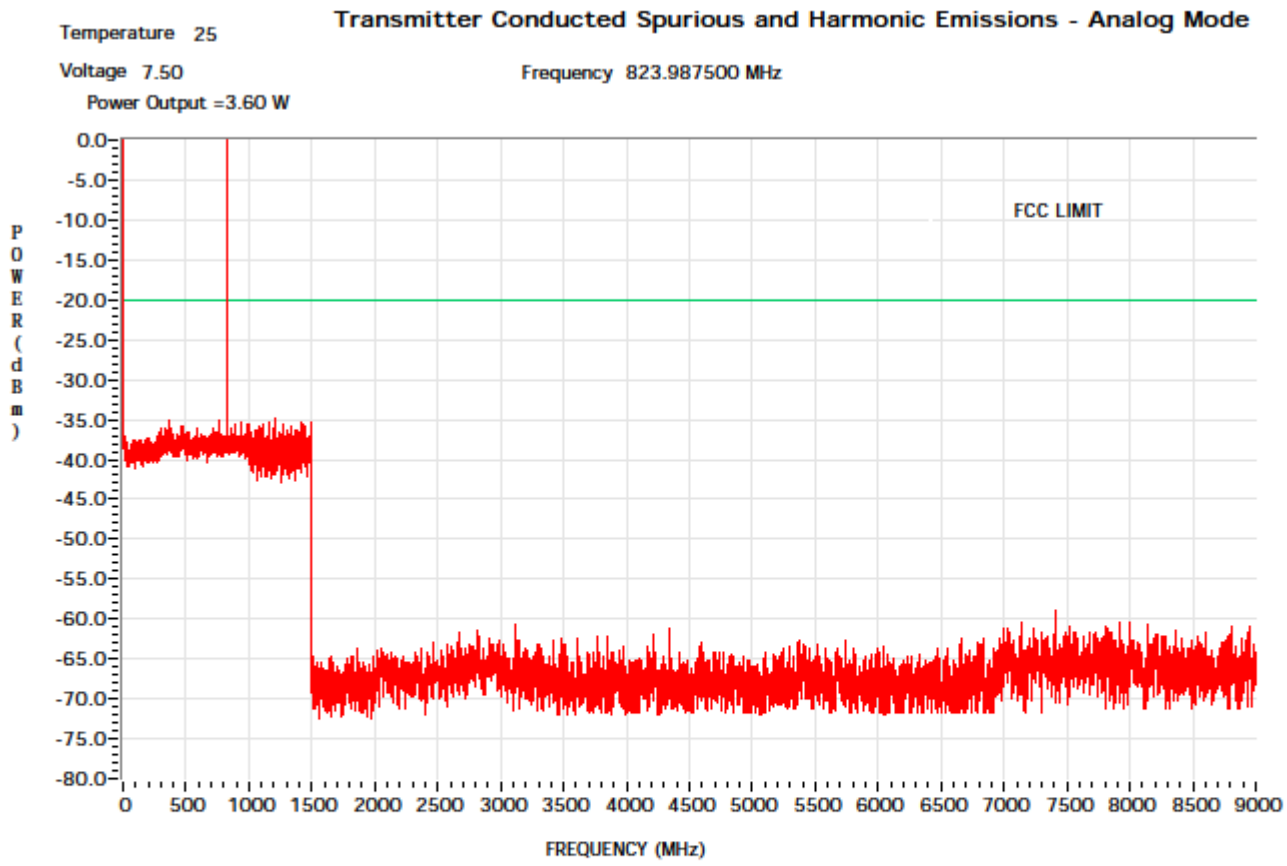

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode
Temperature 25
Voltage 7.50
Frequency 485.075000 MHz
Power Output =5.60 W
FCC LIMIT
POWER (dBm)
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
FREQUENCY (MHz)


Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode
Temperature 25
Voltage 7.50
Frequency 519.975000 MHz
Power Output =5.60 W
FCC LIMIT
POWER (dBm)
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
FREQUENCY (MHz)


Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode
Temperature 25
Voltage 7.50
Power Output =5.60 W
Frequency 459.075000 MHz
20 KHz Channel Spacing
FCC LIMIT
POWER (dBm)
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
FREQUENCY (MHz)


Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode
Temperature 25
Voltage 7.50
Frequency 764.012500 MHz
Power Output =2.99 W
FCC LIMIT
POWER (dBm)
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
FREQUENCY (MHz)


Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode
Temperature 25
Voltage 7.50
Frequency 806.012500 MHz
Power Output =3.60 W
FCC LIMIT
POWER (dBm)
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000
FREQUENCY (MHz)


Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode
Temperature 25
Voltage 7.50
Frequency 823.987500 MHz
Power Output =3.60 W
FCC LIMIT
POWER (dBm)
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000
FREQUENCY (MHz)

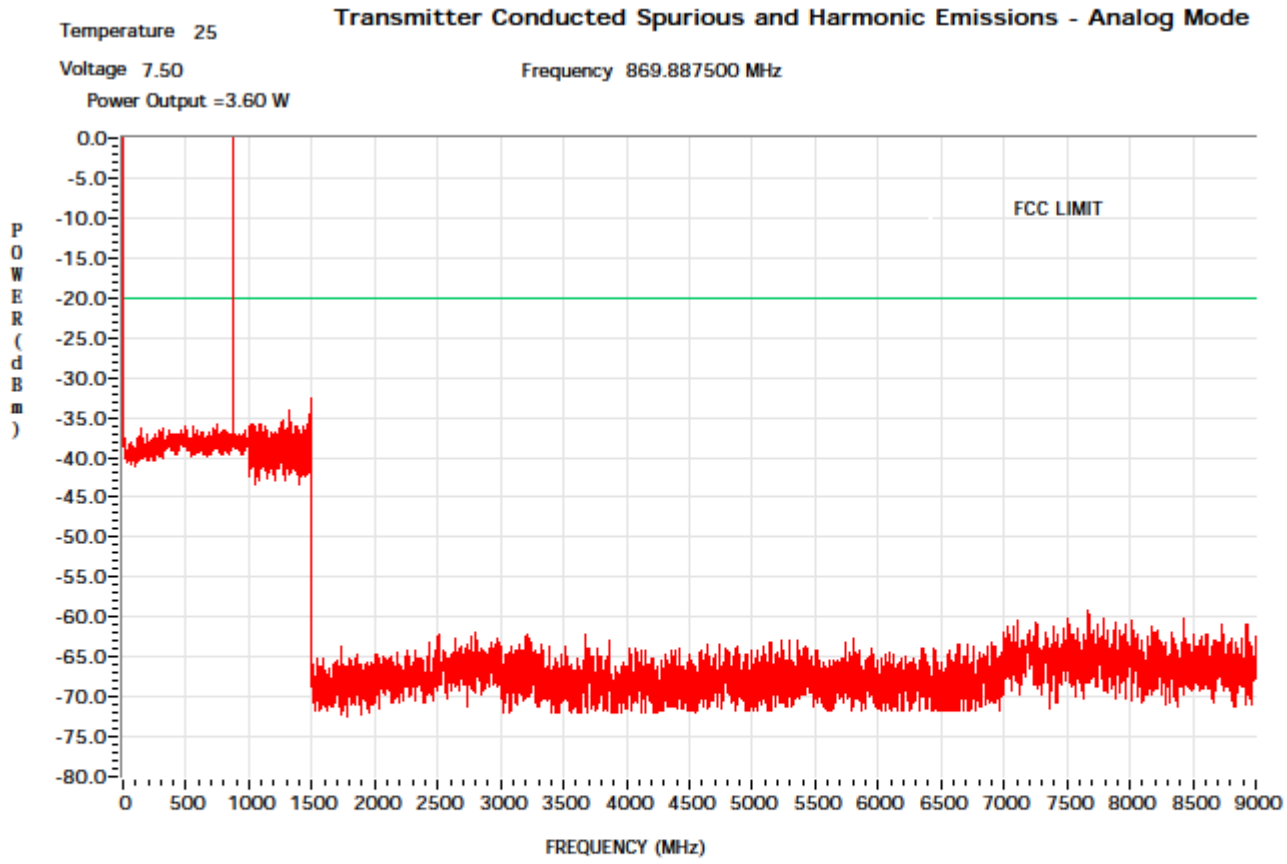

Transmitter Conducted Spurious and Harmonic Emissions - Analog Mode
Temperature 25
Voltage 7.50
Frequency 869.887500 MHz
Power Output =3.60 W
FCC LIMIT
POWER (dBm)
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
-55.0
-60.0
-65.0
-70.0
-75.0
-80.0
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000
FREQUENCY (MHz)

Exhibit 6E

5. Adjacent Channel Coupled Power Ratio

ANALOG 12.5 kHz Channel Spacing 799.0625 MHz				
Offset (kHz)	**Meas BW (kHz)**	**Lower**	**Upper**	**Spec (dB**
9.375	6.25	-46.3	-48.9	-40
15.625	6.25	-77.2	-77	-60
21.875	6.25	-81.1	-80.7	-60
37.5	25	-75.5	-75.2	-60
62.5	25	-83.1	-83.1	-65
87.5	25	-84.6	-84.8	-65
150	100	-78.1	-78.5	-65
250	100	-82.2	-82	-65
350	100	-85	-85.1	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

ANALOG 25 kHz Channel Spacing 799.0625 MHz				
Offset (kHz)	**Meas BW (kHz)**	**Lower**	**Upper**	**Spec (dB**
15.625	6.25	-71.1	-71.6	-40
21.875	6.25	-79.2	-80	-60
37.5	25	-77.7	-78.2	-60
62.5	25	-84	-84.4	-65
87.5	25	-85.2	-85.3	-65
150	100	-77.4	-77.9	-65
250	100	-83.2	-83.9	-65
350	100	-84.1	-84.2	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

APCO 12.5 kHz Channel Spacing Voice 799.0625 MHz				
Offset (kHz)	**Meas BW (kHz)**	**Lower**	**Upper**	**Spec (dB**
9.375	6.25	-40.7	-43.2	-40
15.625	6.25	-74.6	-75.1	-60
21.875	6.25	-79.8	-79.9	-60
37.5	25	-76.8	-76.8	-60
62.5	25	-81	-81.3	-65
87.5	25	-82.8	-82.9	-65
150	100	-76.9	-77.2	-65
250	100	-80.5	-80.4	-65
350	100	-82	-81.9	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

APCO 12.5 kHz Channel Spacing Digital Data 799.0625 MHz				
Offset (kHz)	**Meas BW (kHz)**	**Lower**	**Upper**	**Spec (dB**
9.375	6.25	-41.9	-42	-40
15.625	6.25	-75.7	-75.5	-60
21.875	6.25	-77.9	-78.2	-60
37.5	25	-77.3	-77	-60
62.5	25	-81.1	-80.8	-65
87.5	25	-82.6	-82.9	-65
150	100	-74.1	-73	-65
250	100	-77.8	-76.8	-65
350	100	-81.2	-81	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100

12.5 kHz Channel Spacing F2 Mode799.0625MHz				
Offset (kHz)	**Meas BW (kHz)**	**Lower**	**Upper**	**Spec (dB**
9.375	6.25	-41.3	-41.2	-40
15.625	6.25	-74.8	-74.5	-60
21.875	6.25	-76.7	-77.1	-60
37.5	25	-74.8	-75	-60
62.5	25	-75.5	-75.7	-65
87.5	25	-76.8	-77.1	-65
150	100	-72.7	-74	-65
250	100	-77.2	-77.5	-65
350	100	-79.8	-80	-65
400k - 12M	30 (swept)	< -75	< -75	-75
12M - RX	30 (swept)	< -75	< -75	-75
RX Band	30 (swept)	< -100	< -100	-100